

FIG. 1A

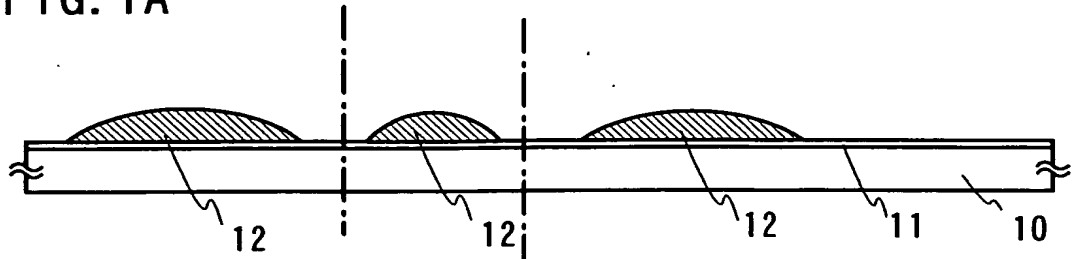


FIG. 1B

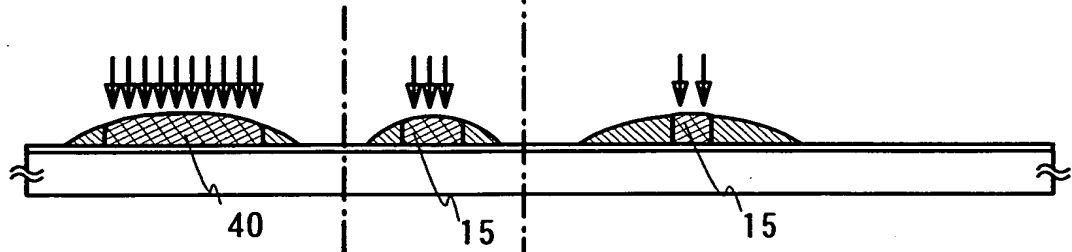


FIG. 1C

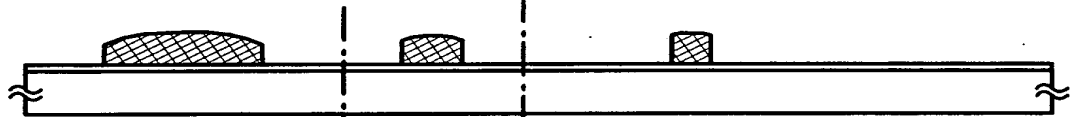


FIG. 1D

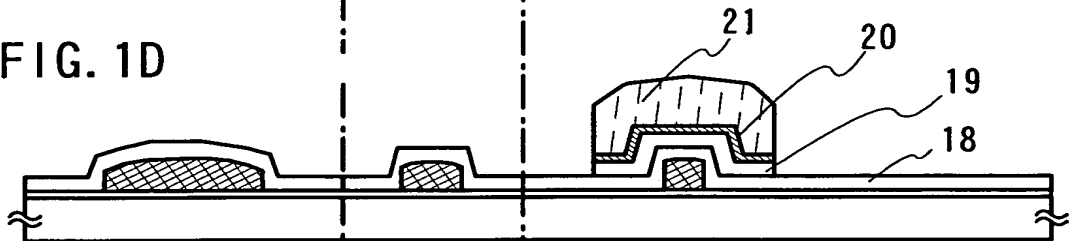


FIG. 1E

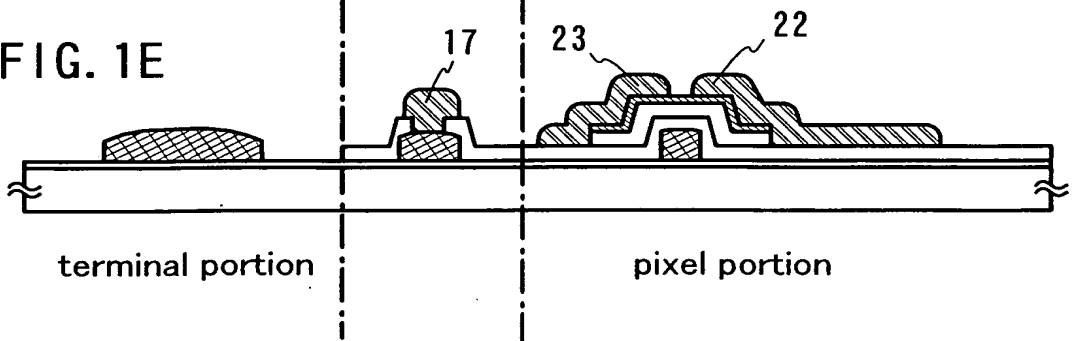


FIG. 2A

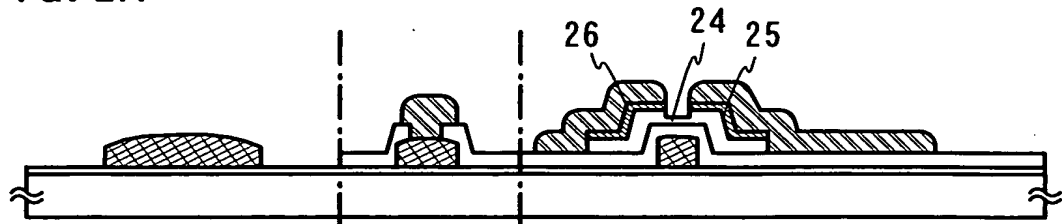


FIG. 2B

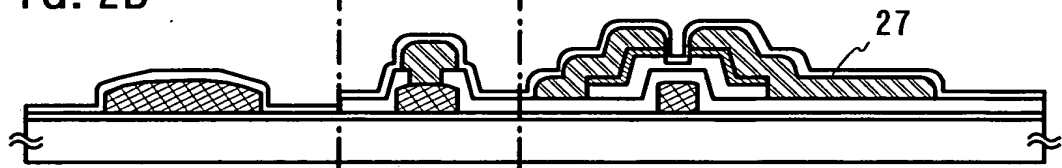


FIG. 2C

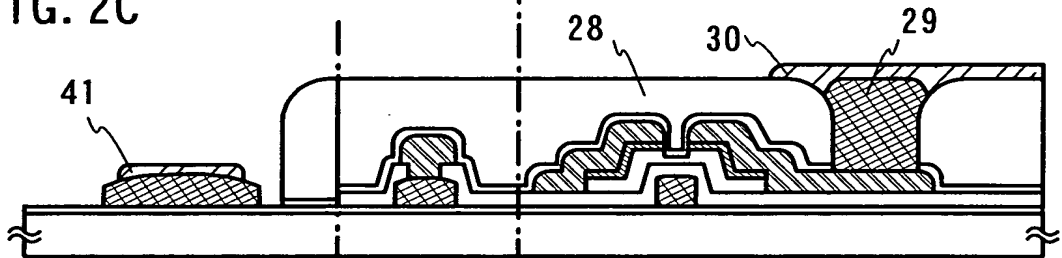


FIG. 2D

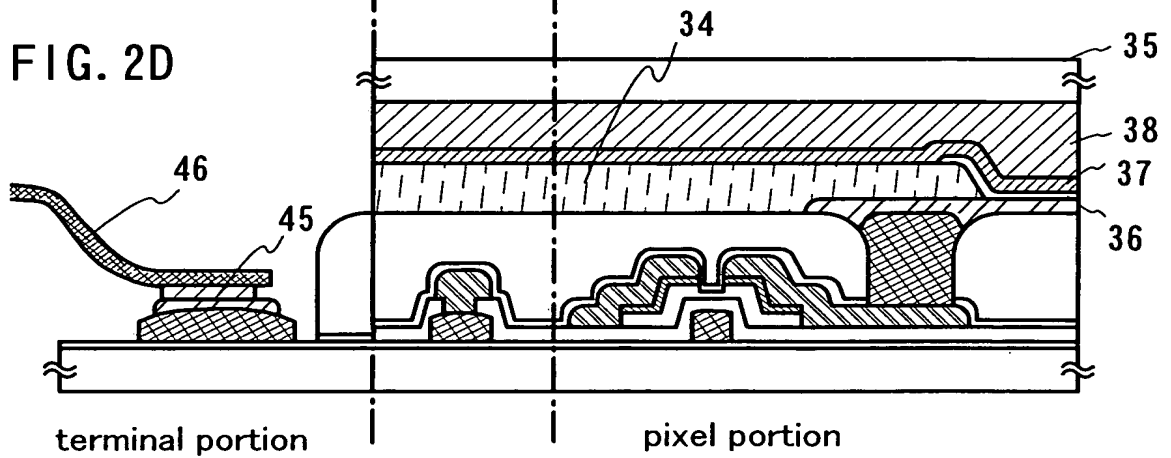


FIG. 3

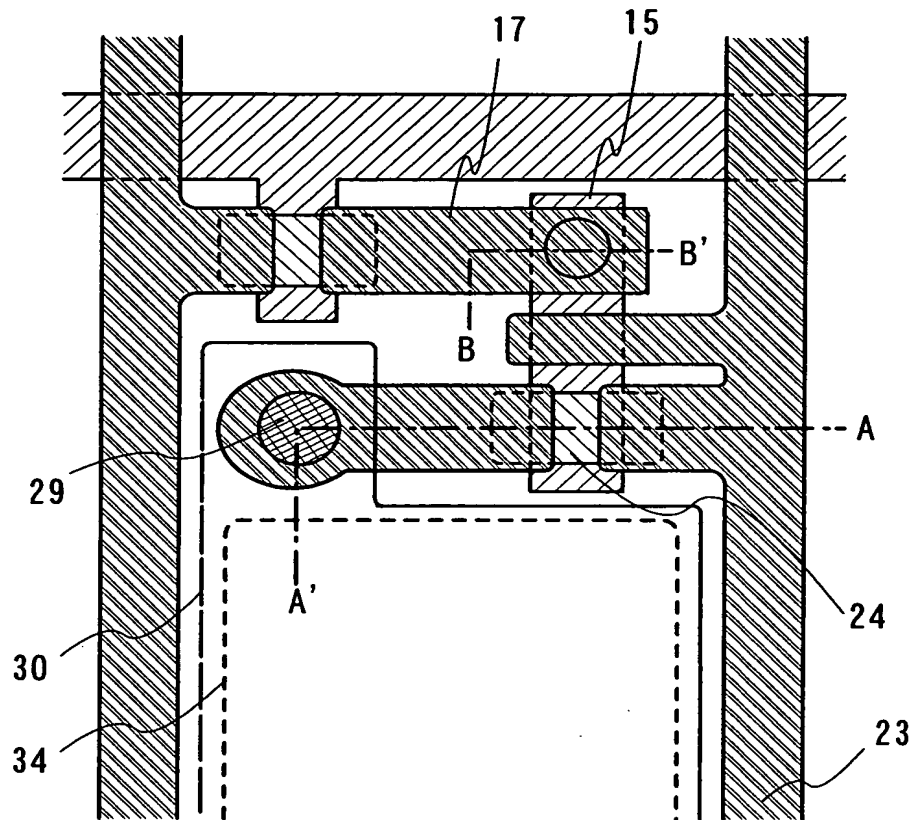


FIG. 4

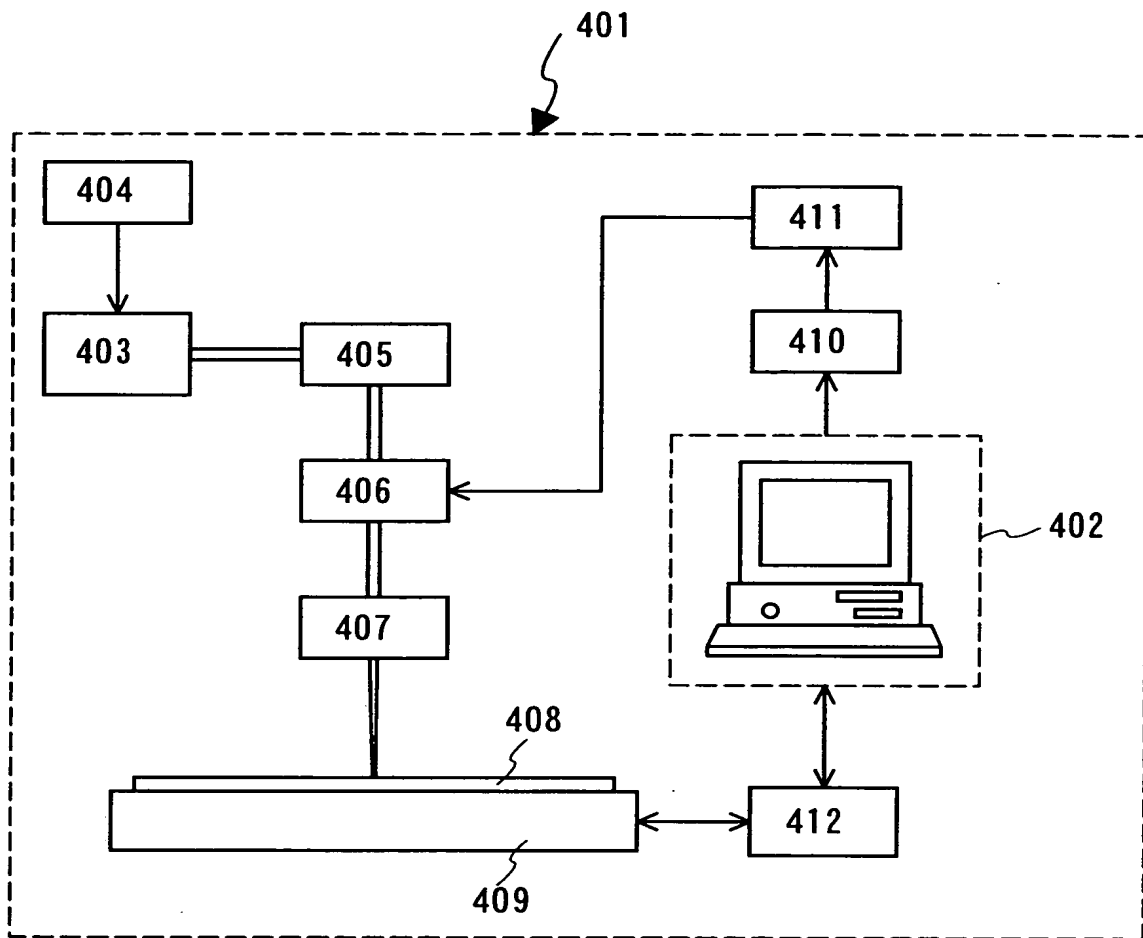


FIG. 5A

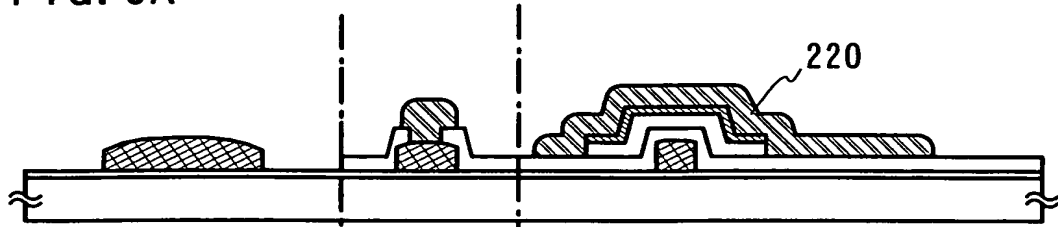


FIG. 5B

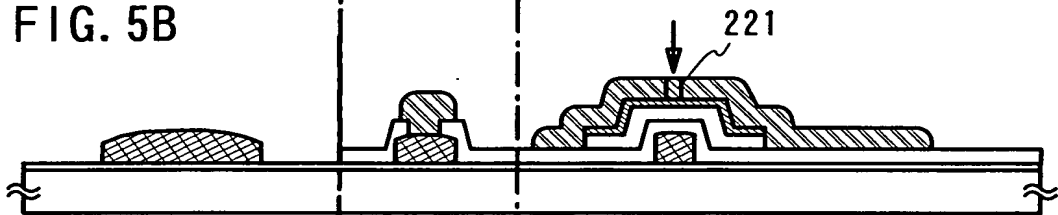


FIG. 5C

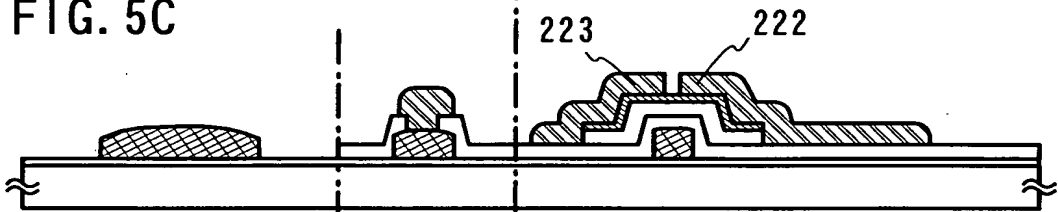


FIG. 5D

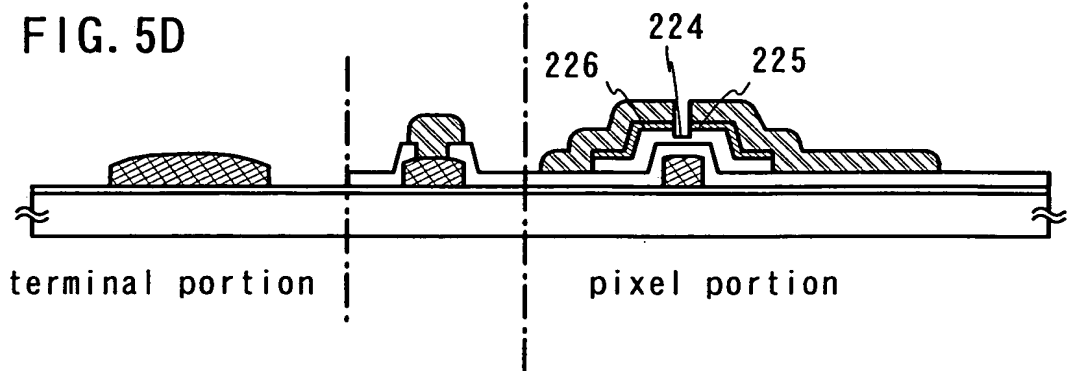


FIG. 6A

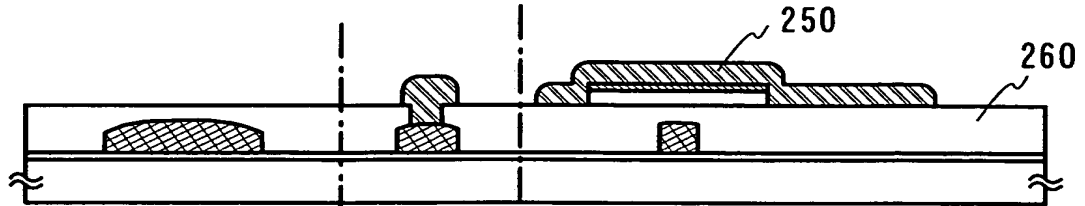


FIG. 6B

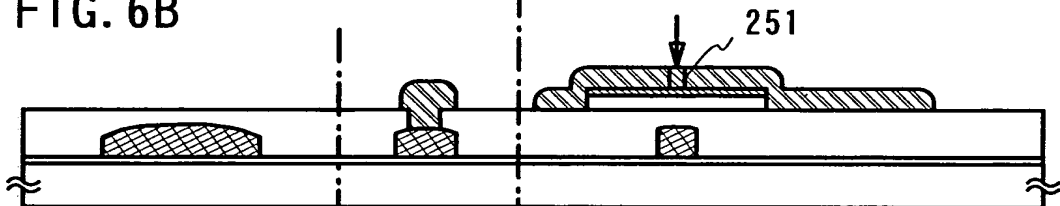


FIG. 6C

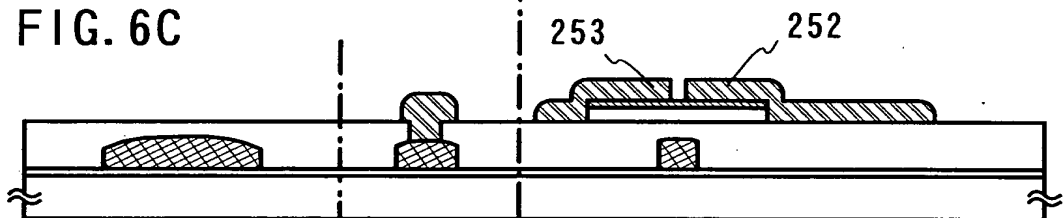


FIG. 6D

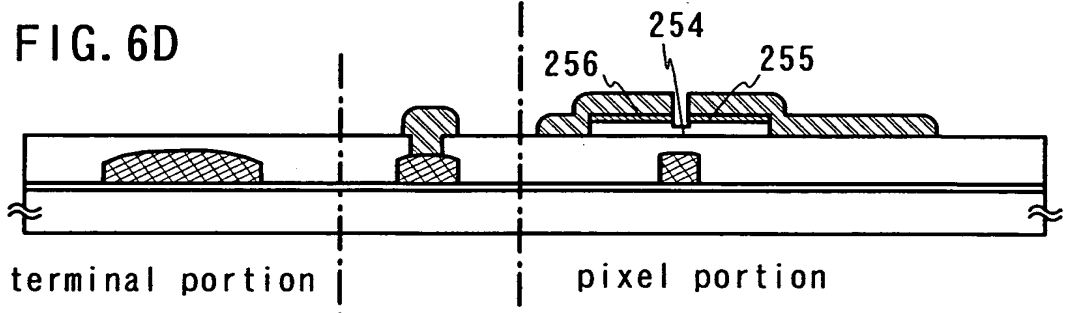


FIG. 7A

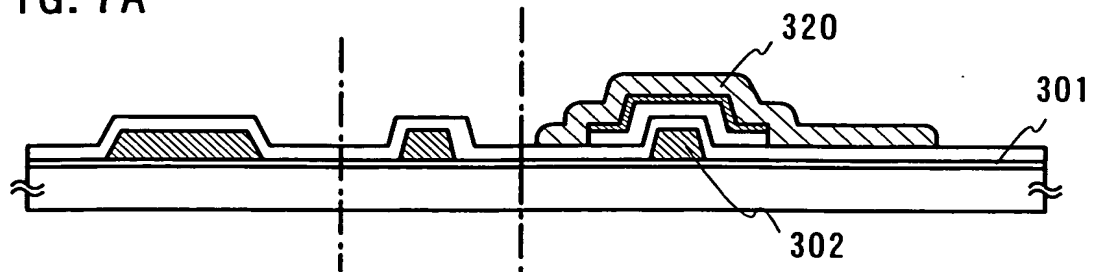


FIG. 7B

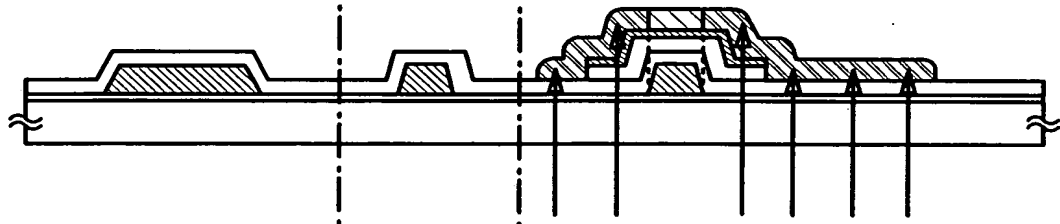


FIG. 7C

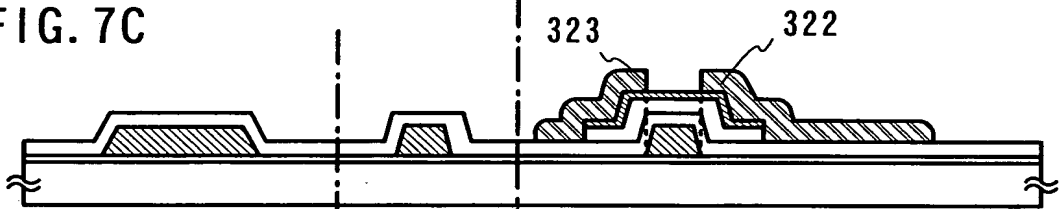


FIG. 7D

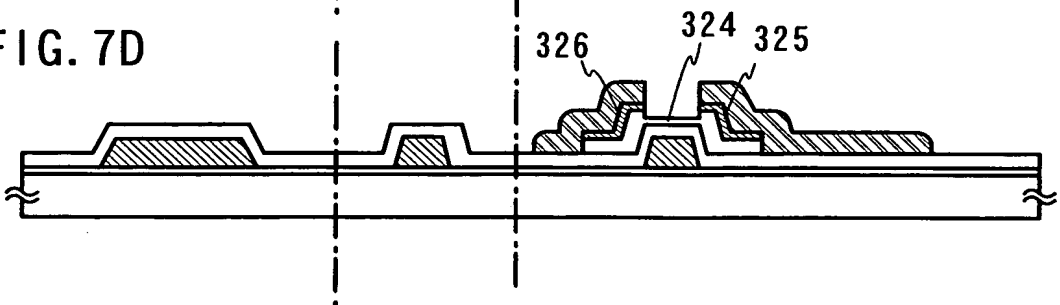


FIG. 8

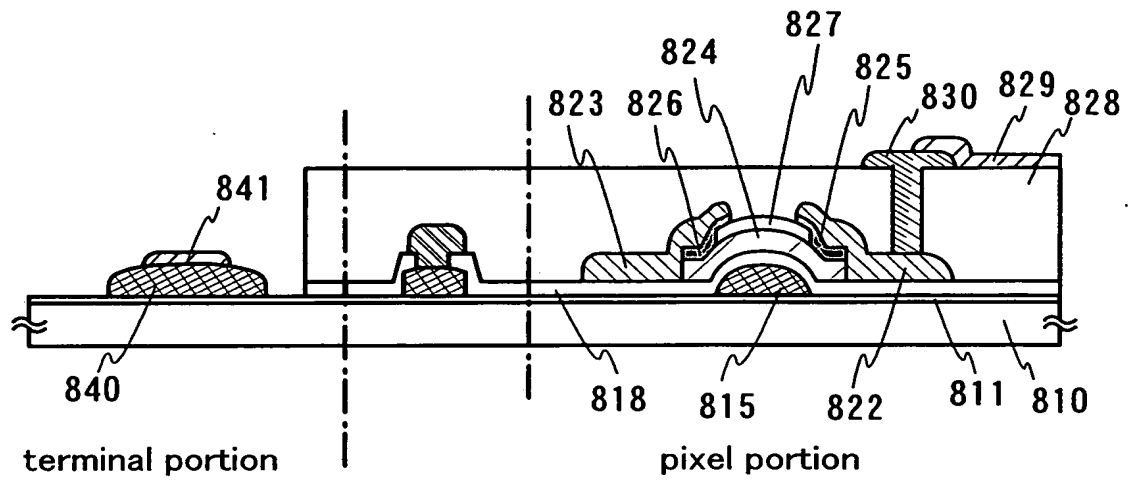


FIG. 9

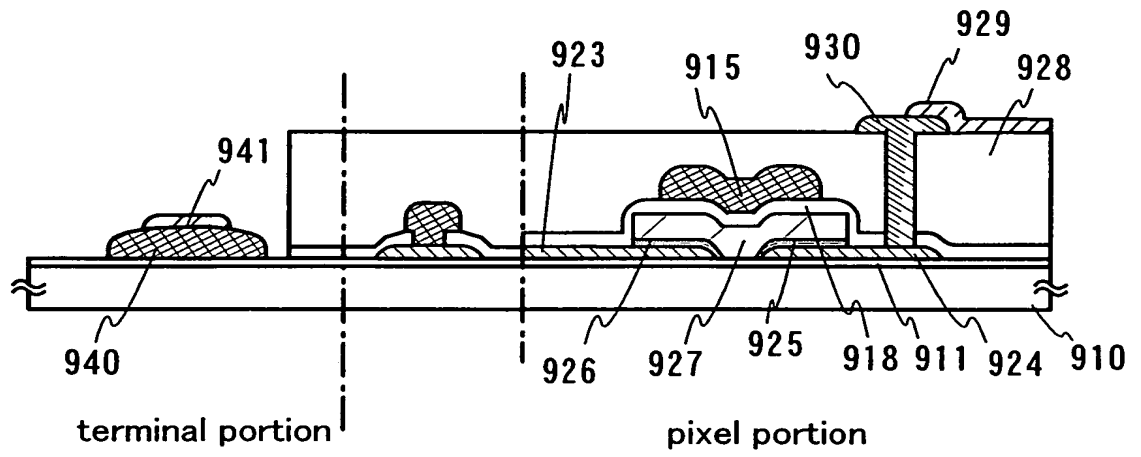


FIG. 10

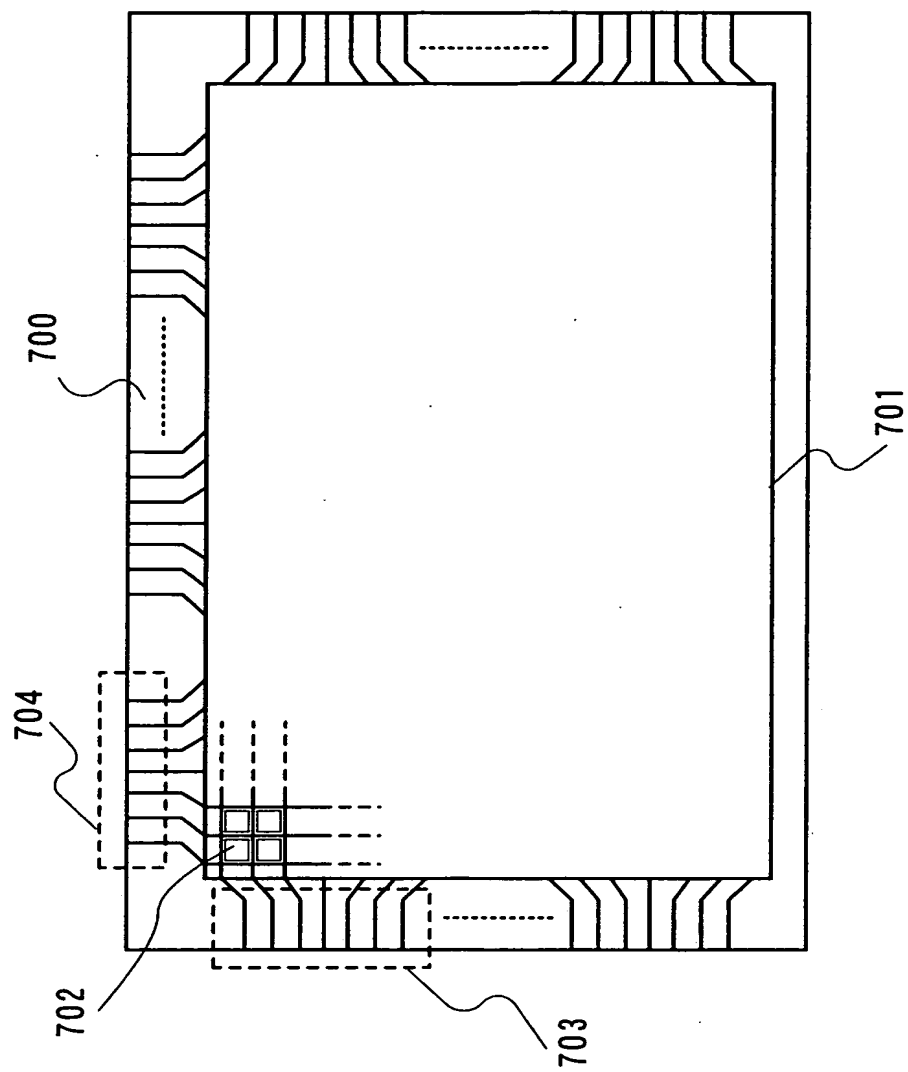


FIG. 11

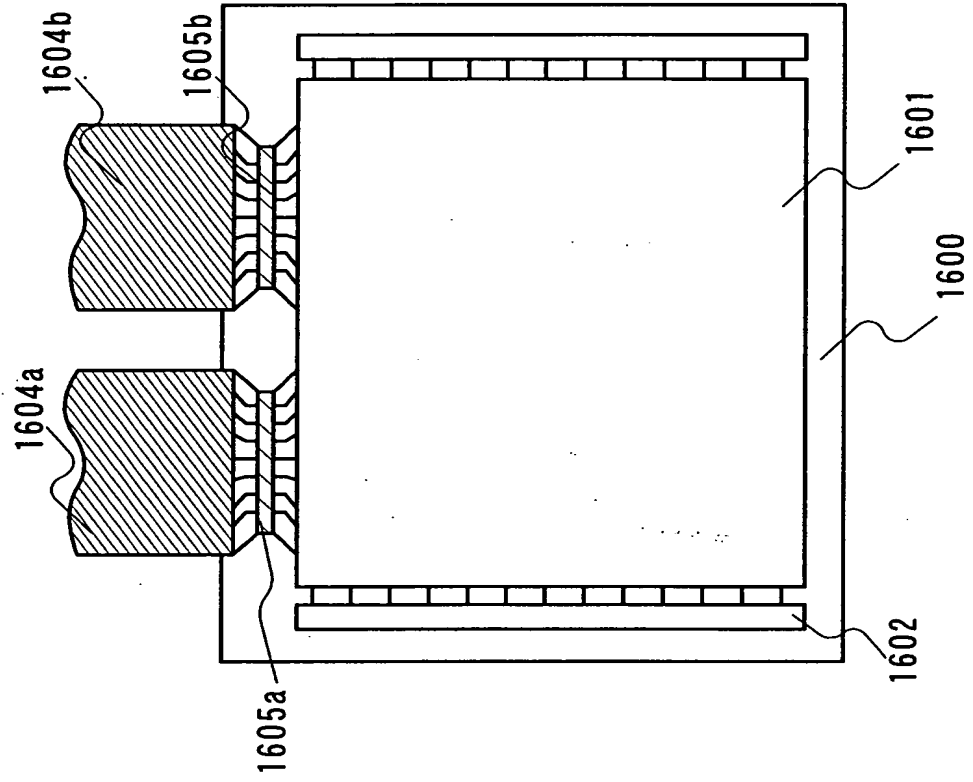


FIG. 12A

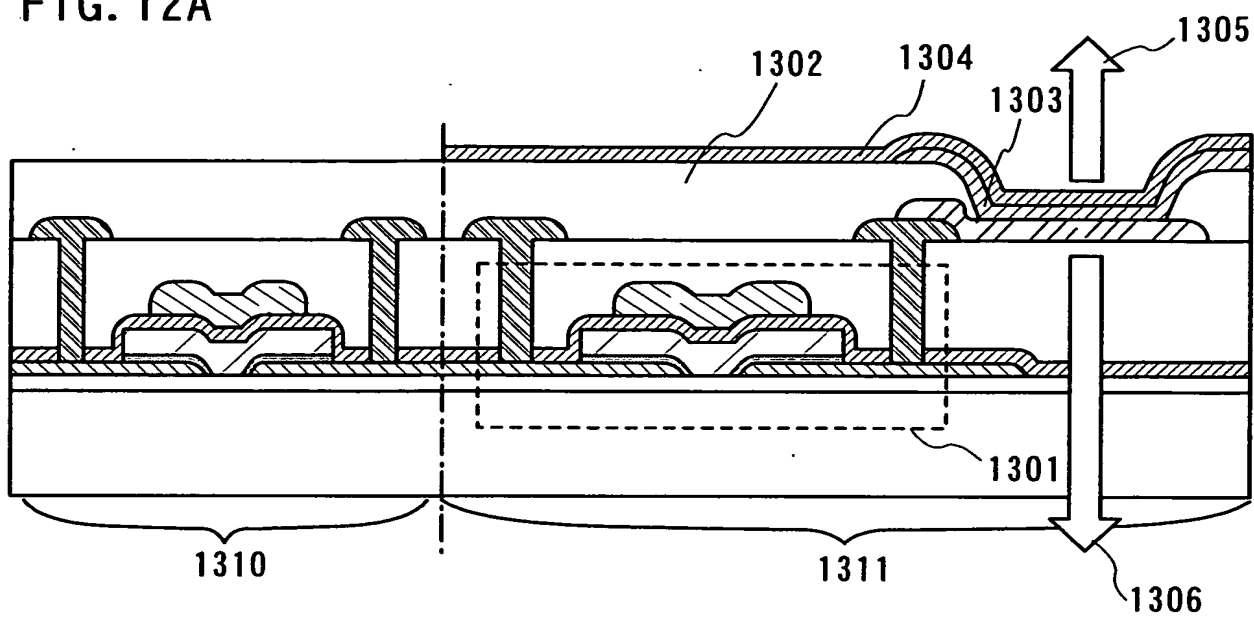


FIG. 12B

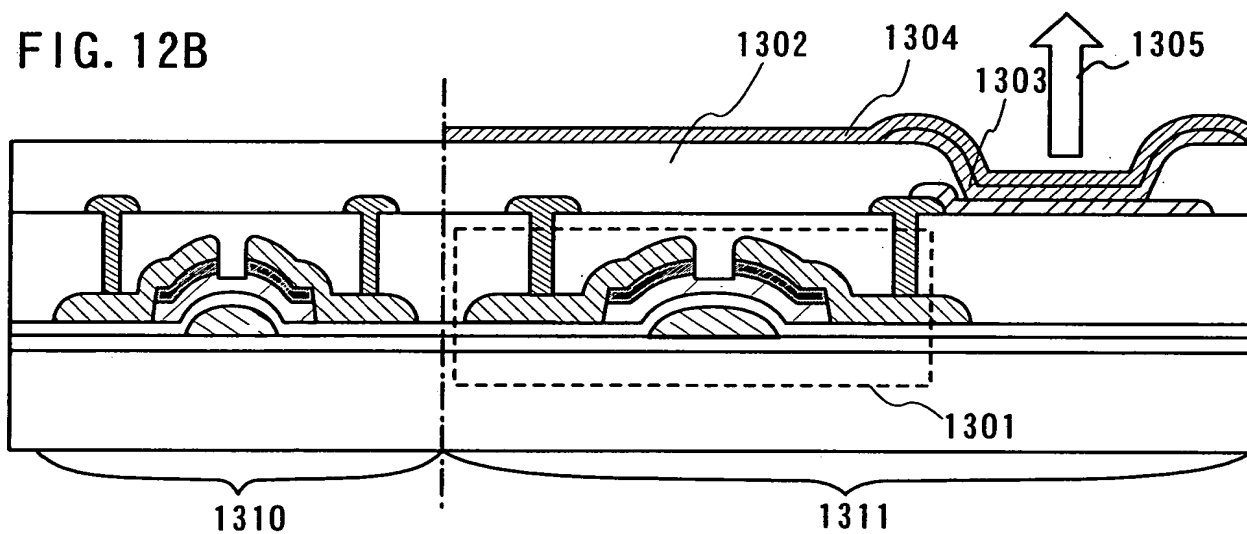


FIG. 12C

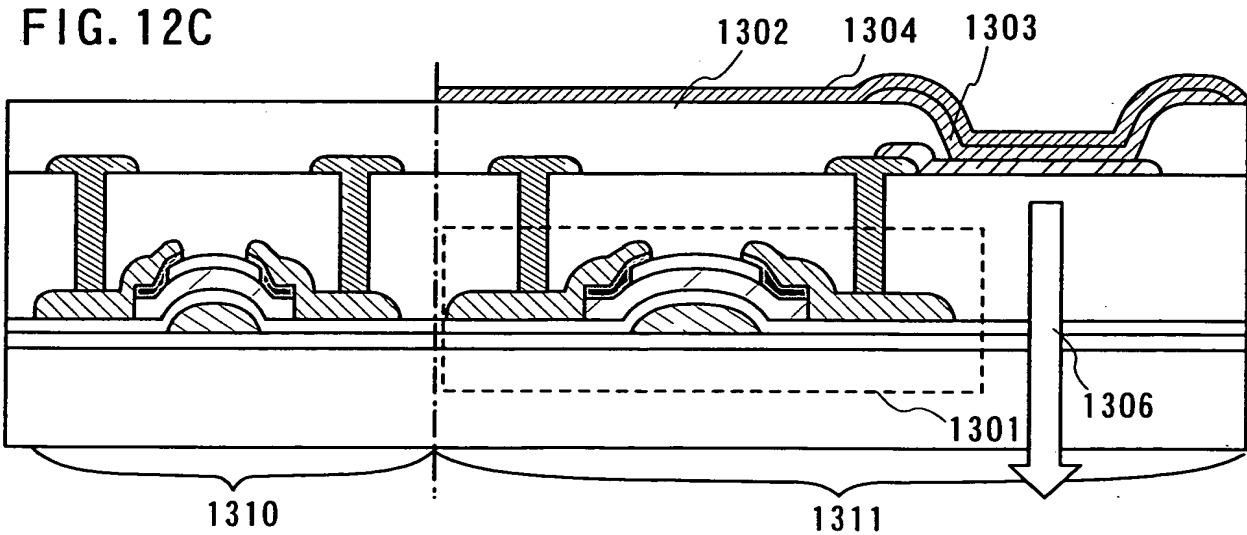


FIG. 13A

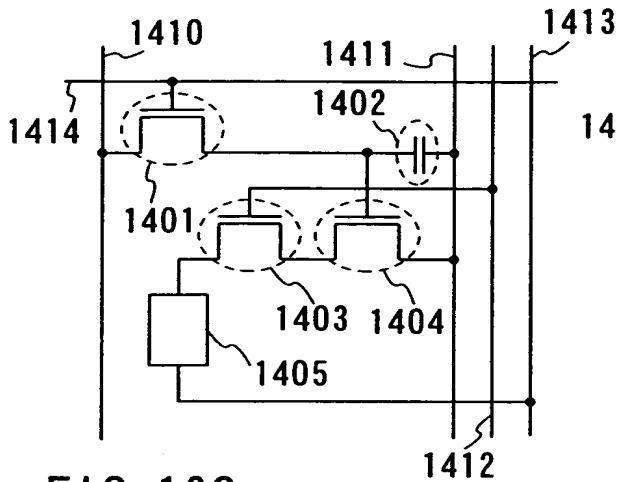


FIG. 13B

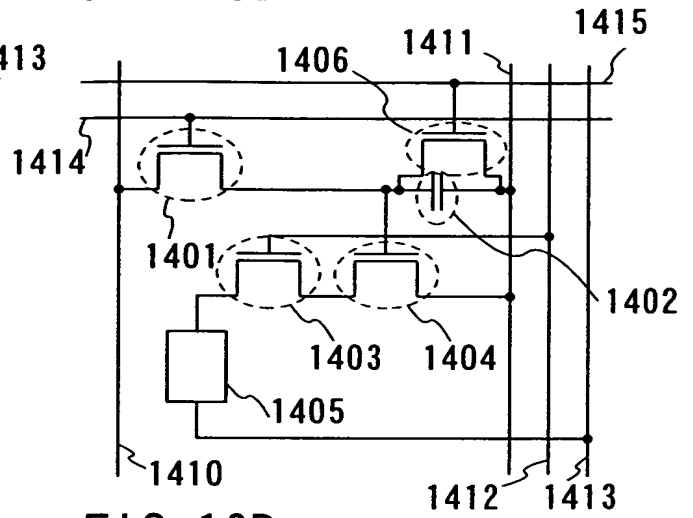


FIG. 13C

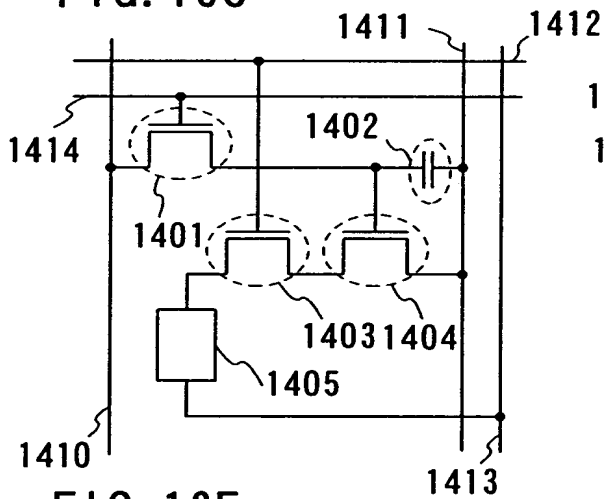


FIG. 13D

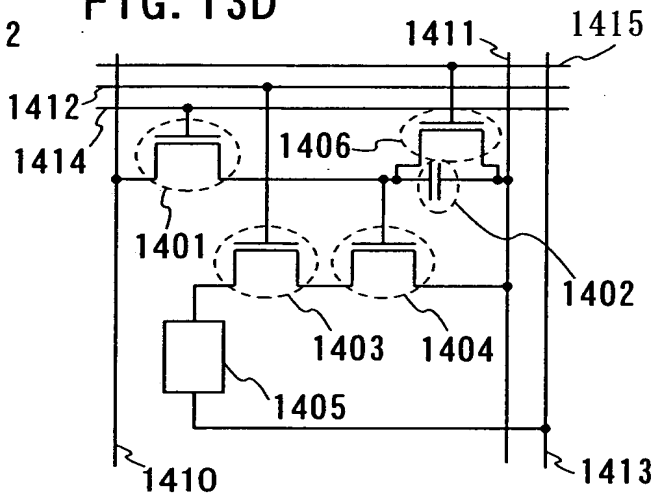


FIG. 13E

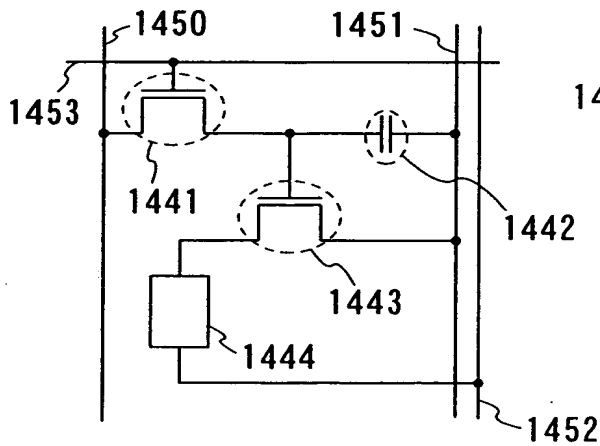


FIG. 13F

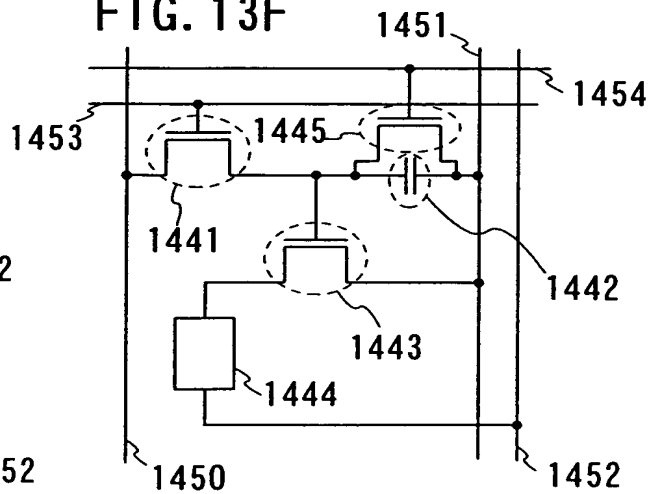


FIG. 14A

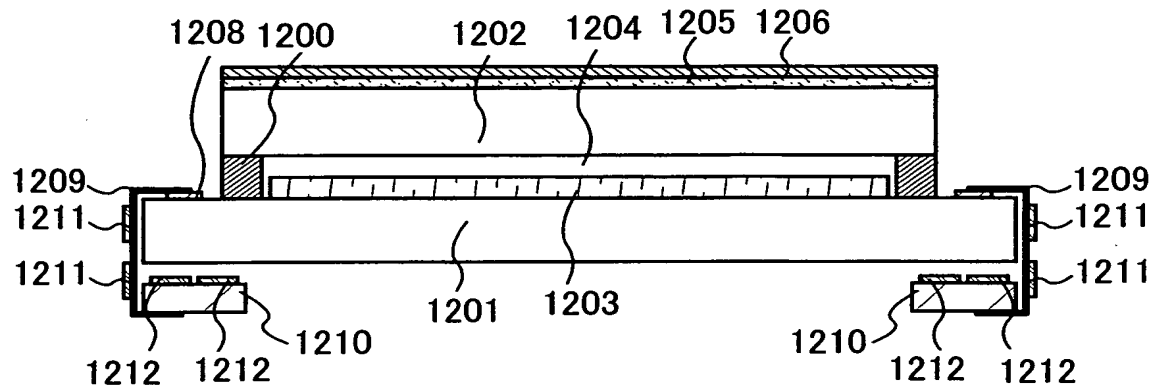


FIG. 14B

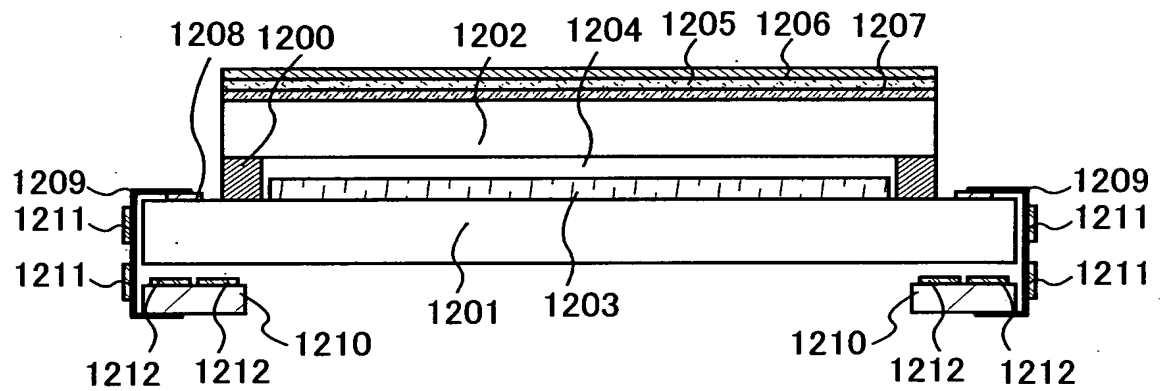


FIG. 14C

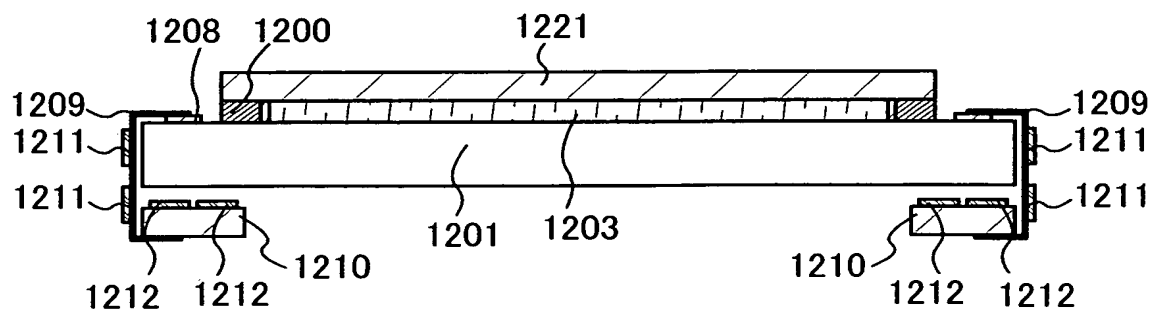


FIG. 15A

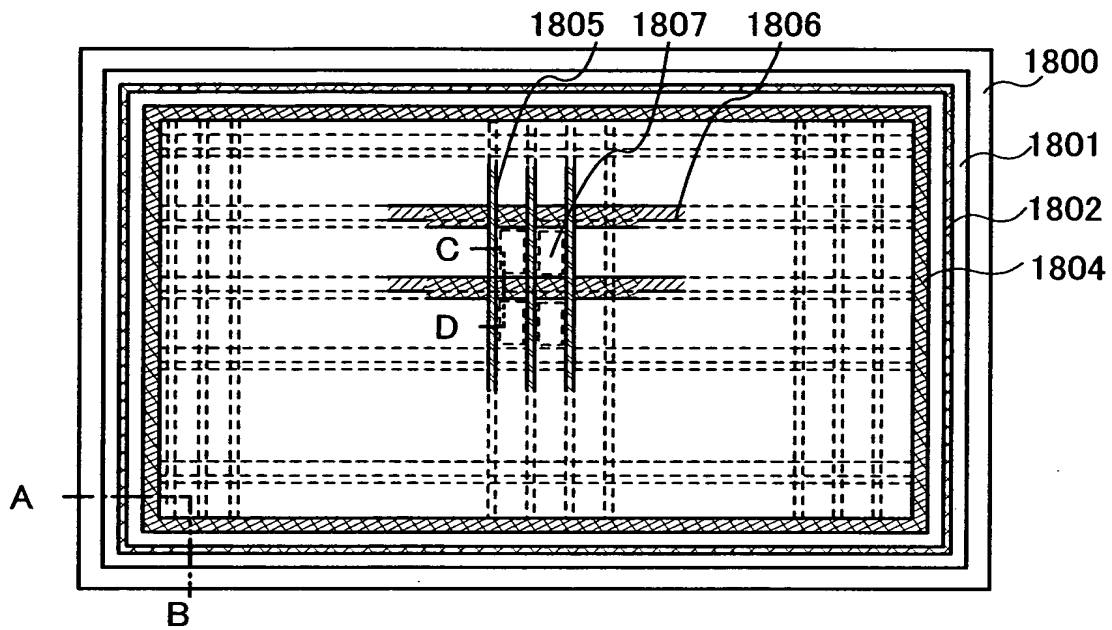


FIG. 15B

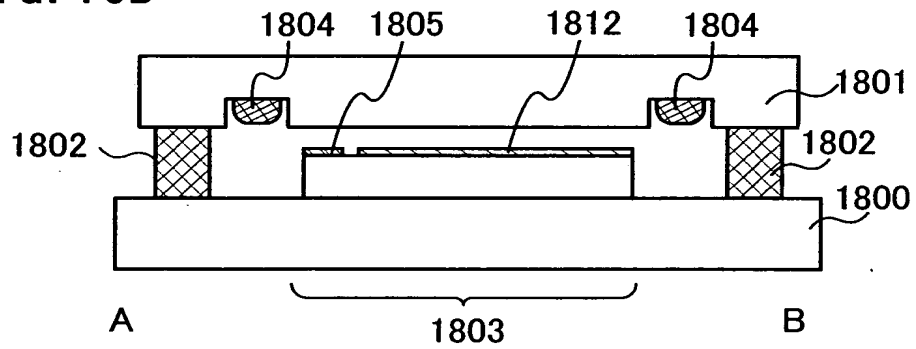


FIG. 15C

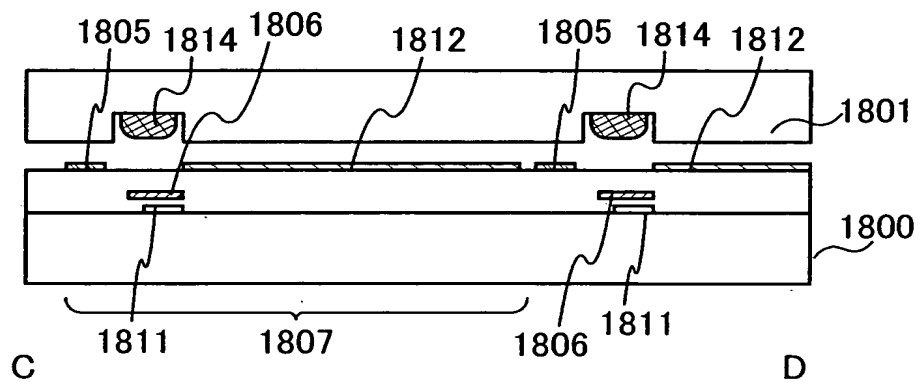


FIG. 16

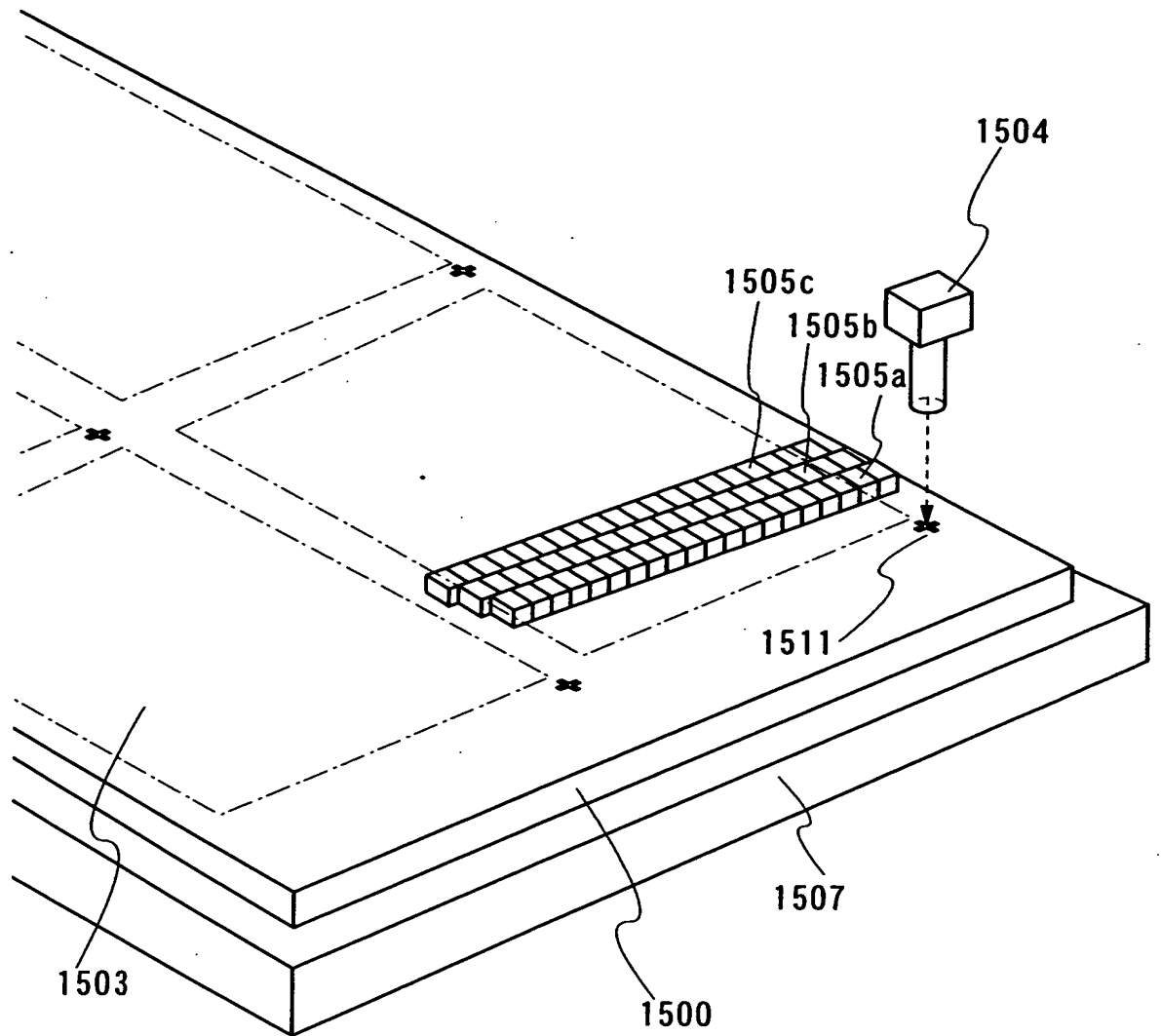


FIG. 17A

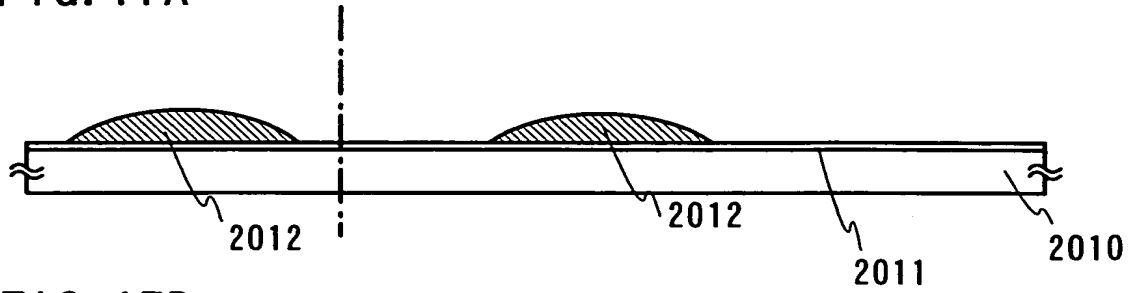


FIG. 17B

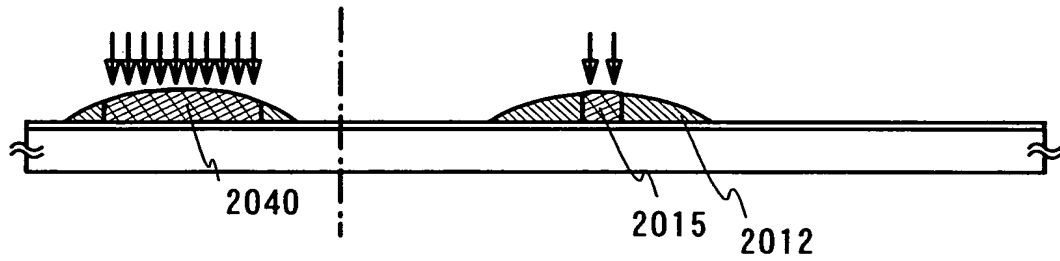


FIG. 17C

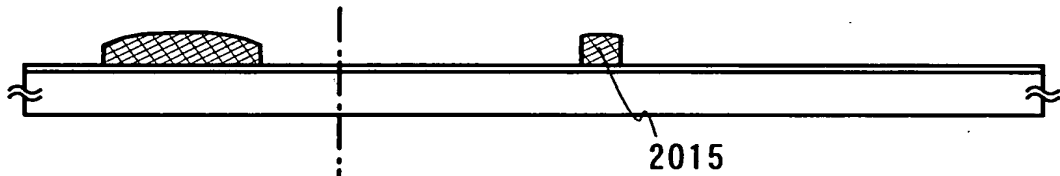


FIG. 17D

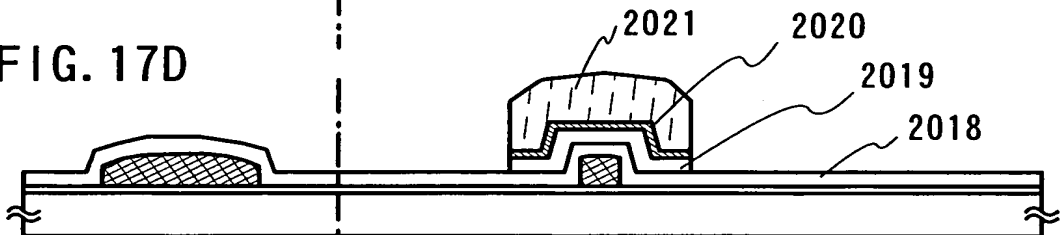


FIG. 17E

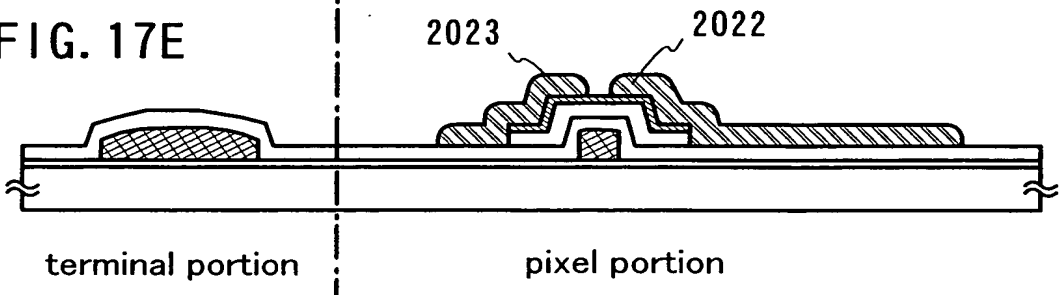


FIG. 18A

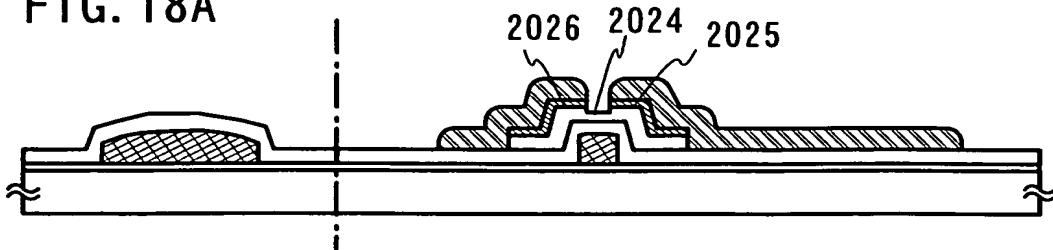


FIG. 18B

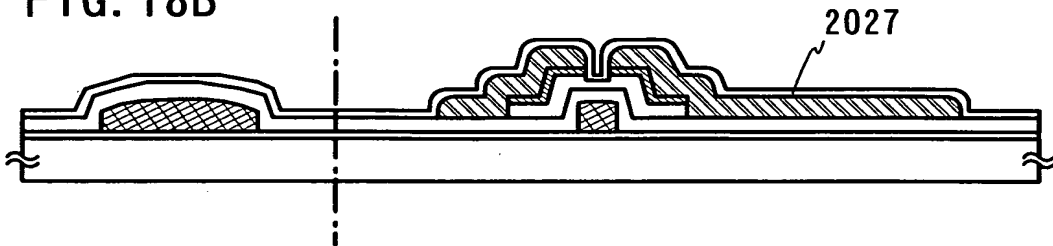


FIG. 18C

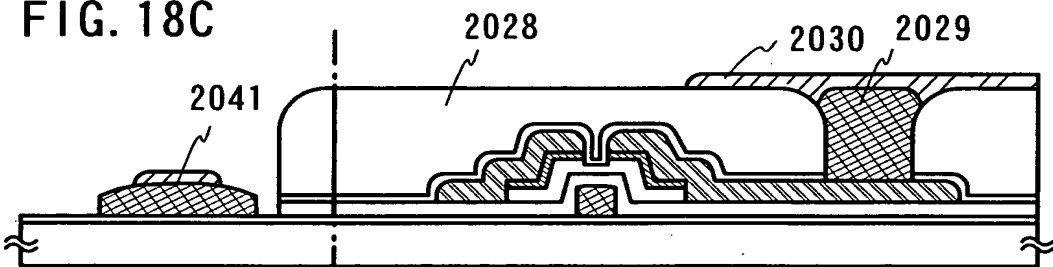


FIG. 18D

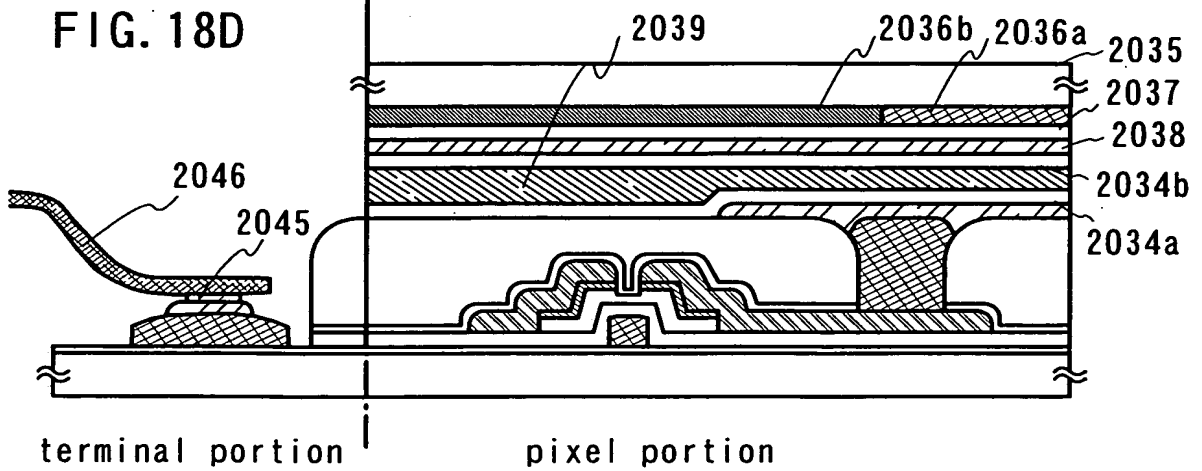


FIG. 19

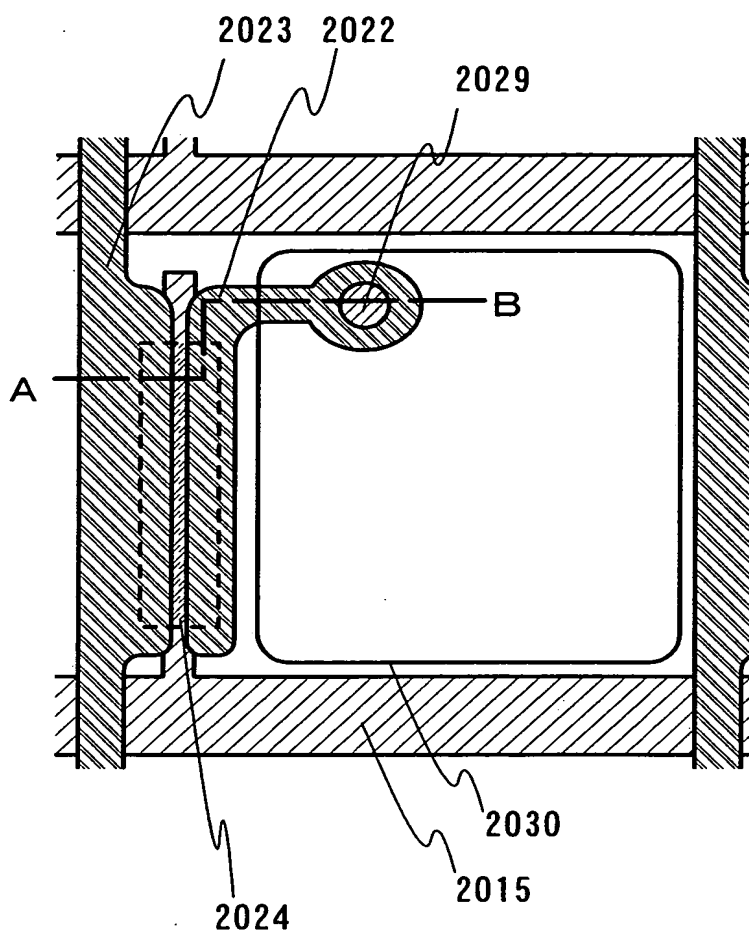


FIG. 20A

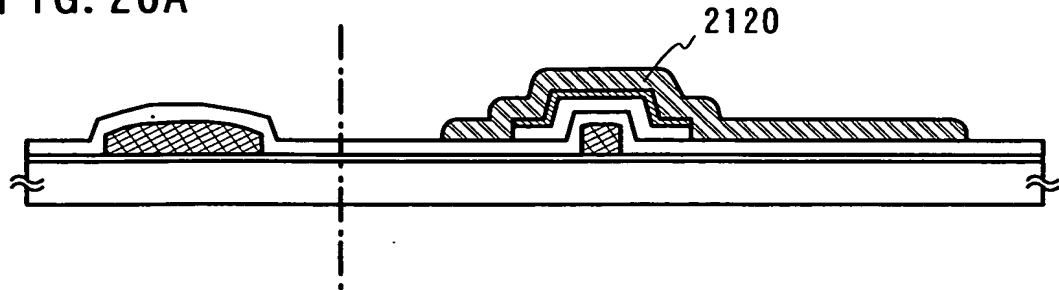


FIG. 20B

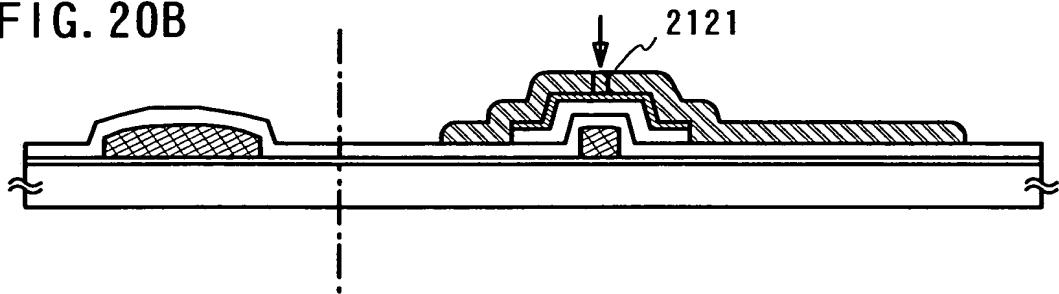


FIG. 20C

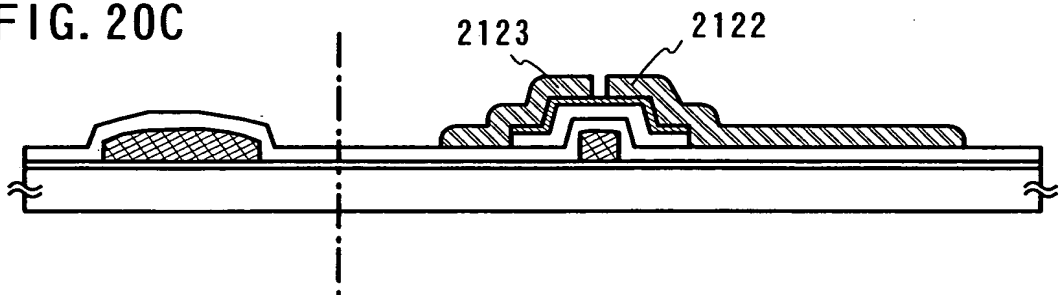


FIG. 20D

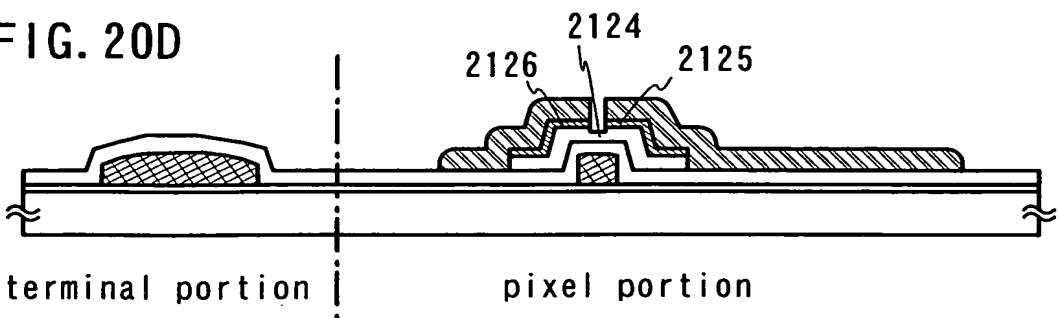


FIG. 21A

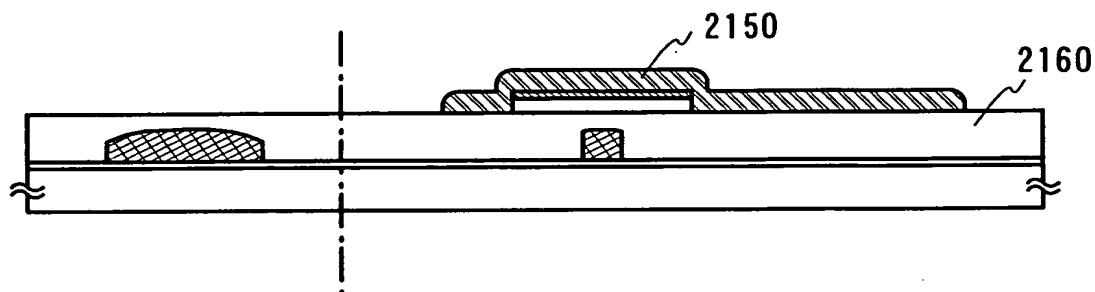


FIG. 21B

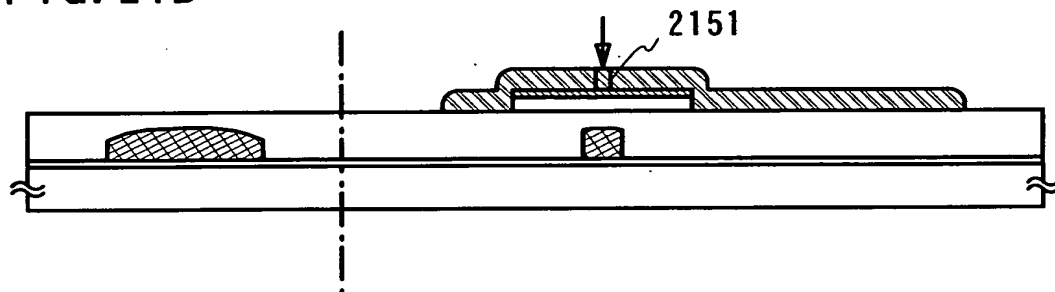


FIG. 21C

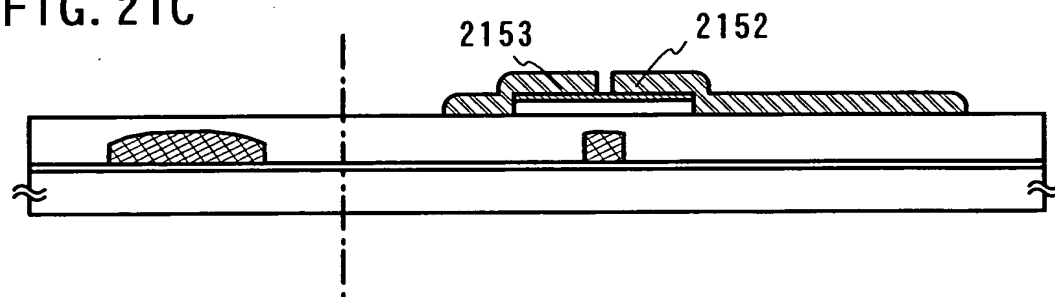
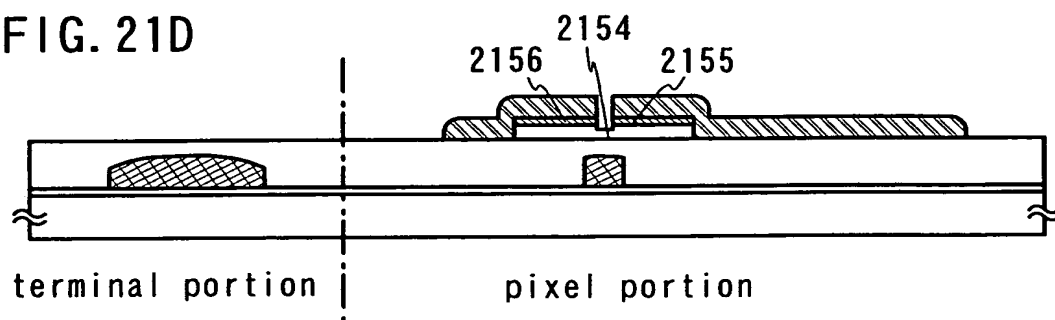


FIG. 21D



terminal portion

pixel portion

FIG. 22A

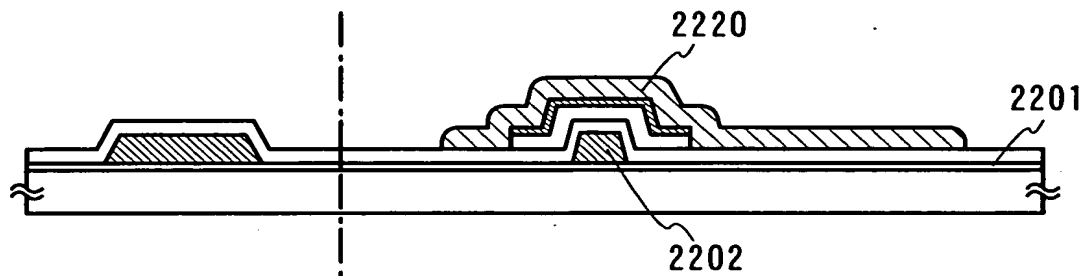


FIG. 22B

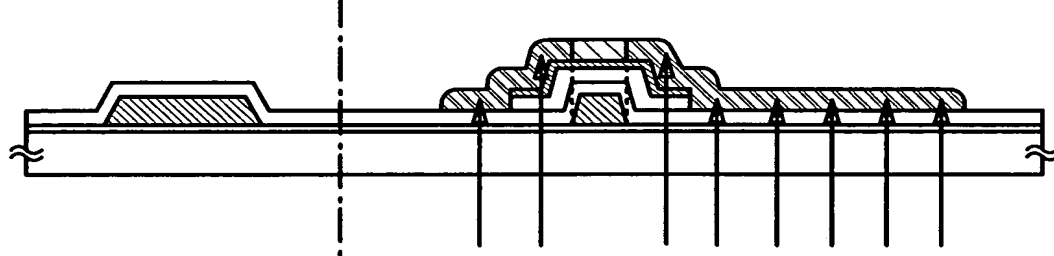


FIG. 22C

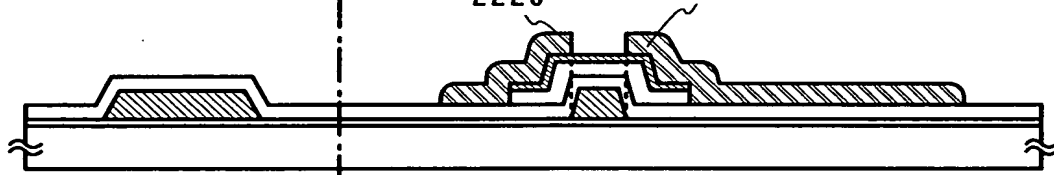


FIG. 22D

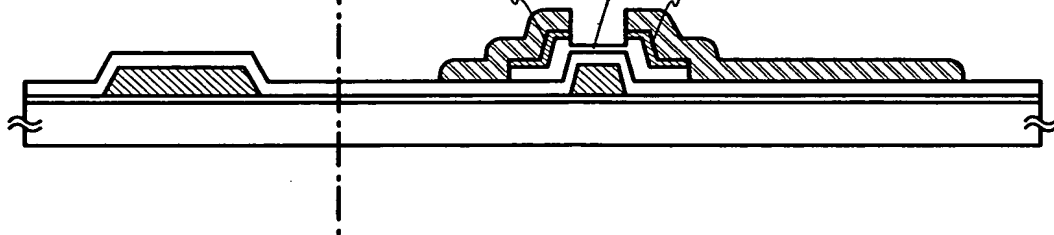


FIG. 23

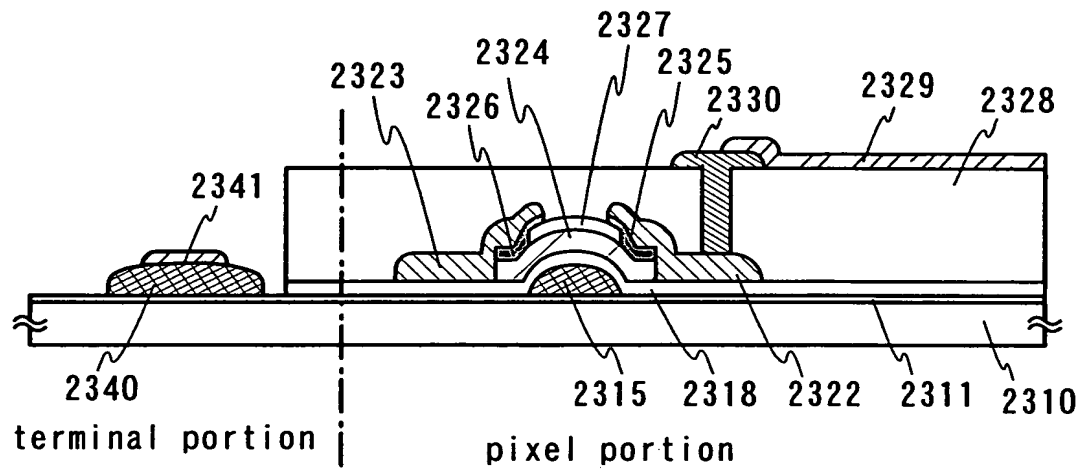


FIG. 24

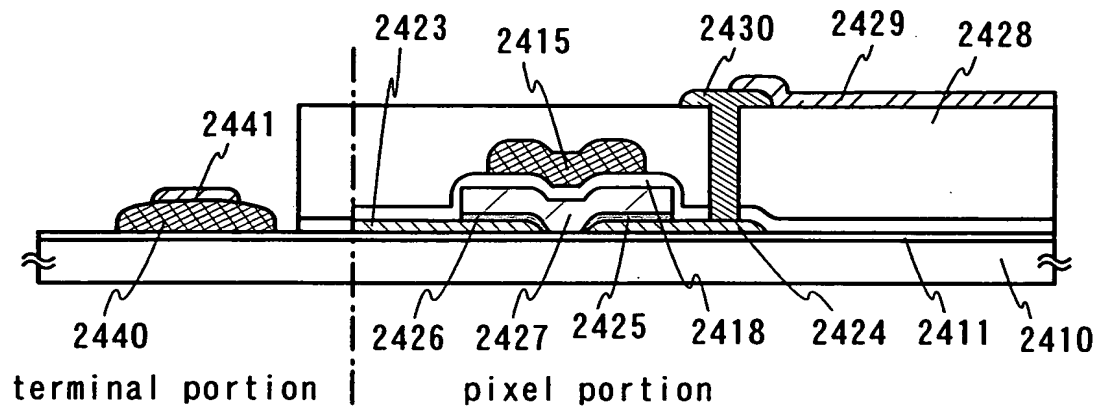


FIG. 25A

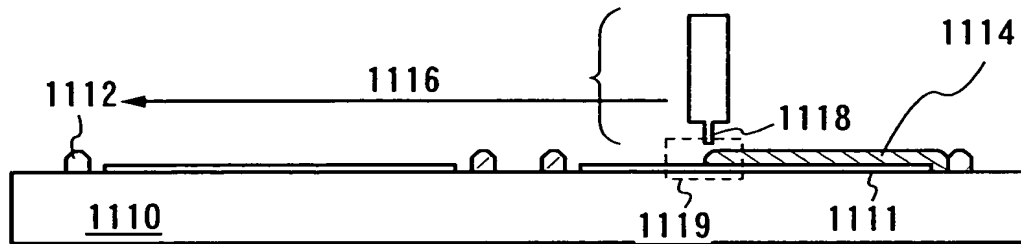


FIG. 25B

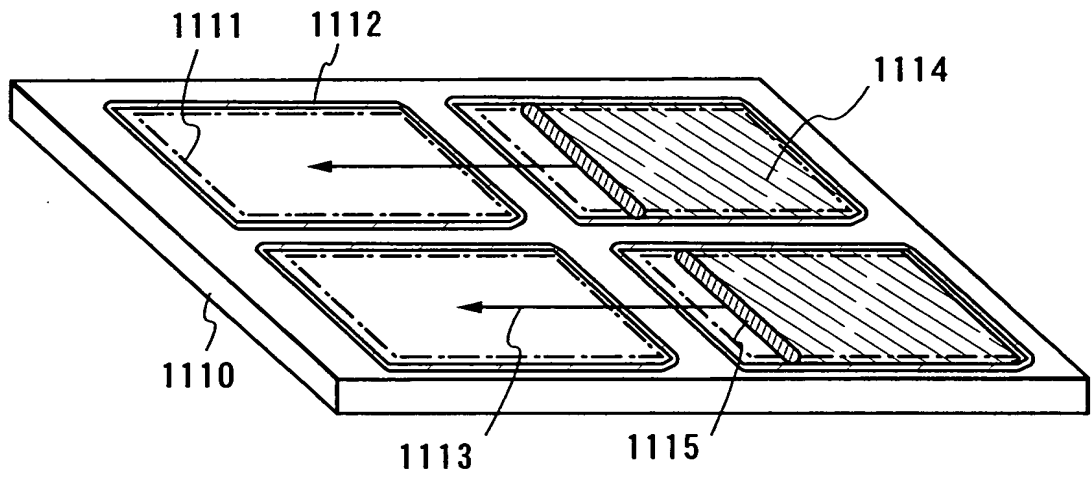


FIG. 25C

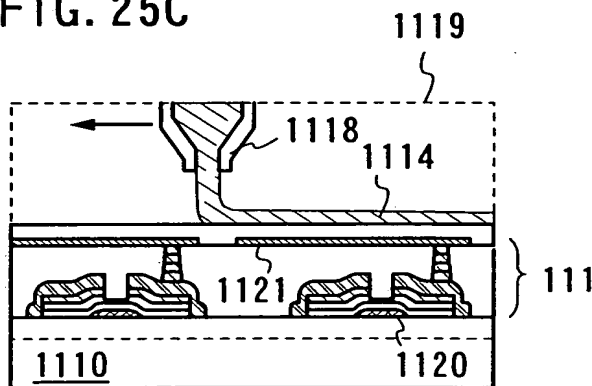


FIG. 25D

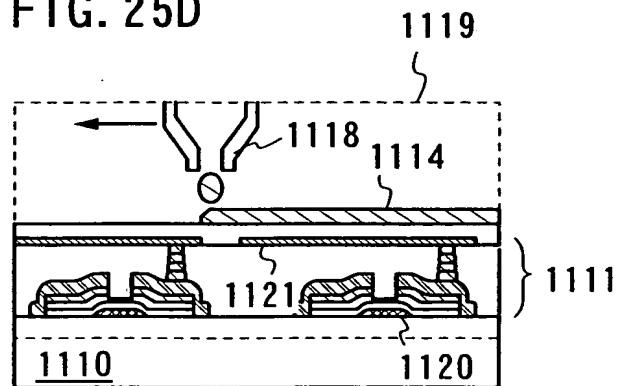


FIG. 26A

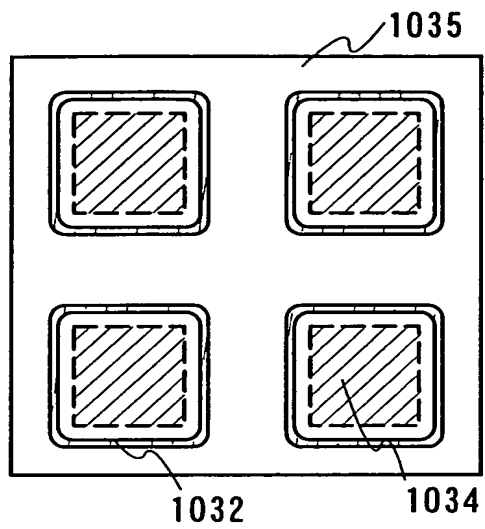


FIG. 26B

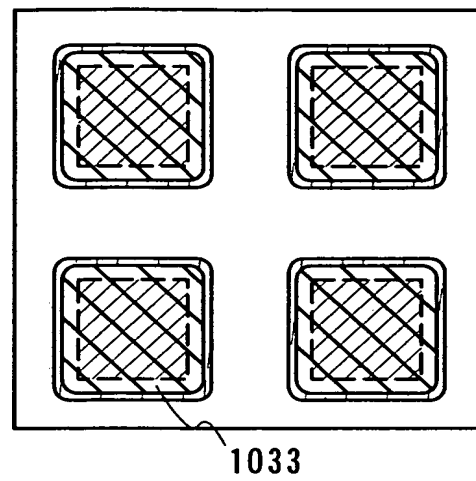


FIG. 26C

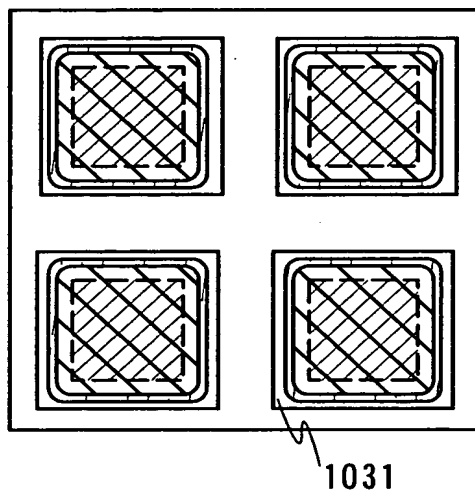


FIG. 26D

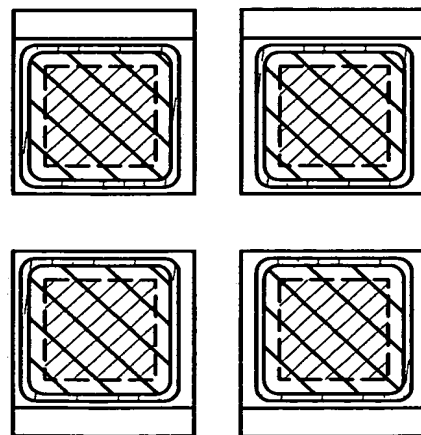


FIG. 27A

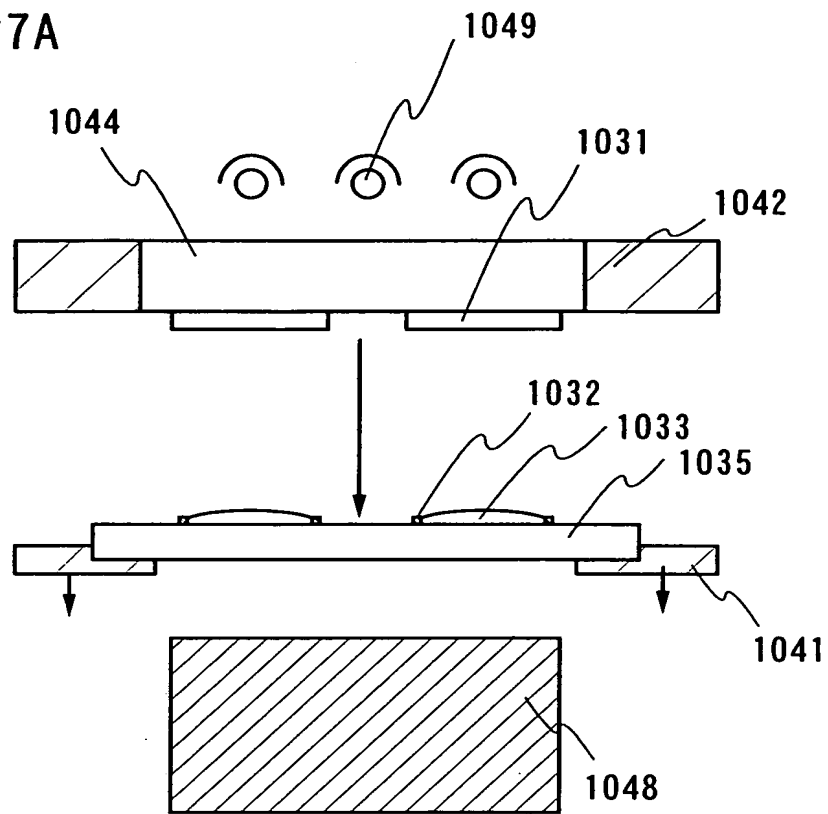


FIG. 27B

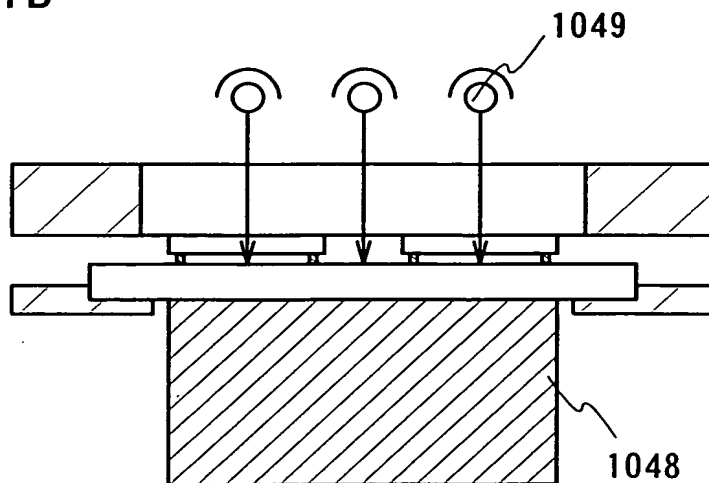


FIG. 28A

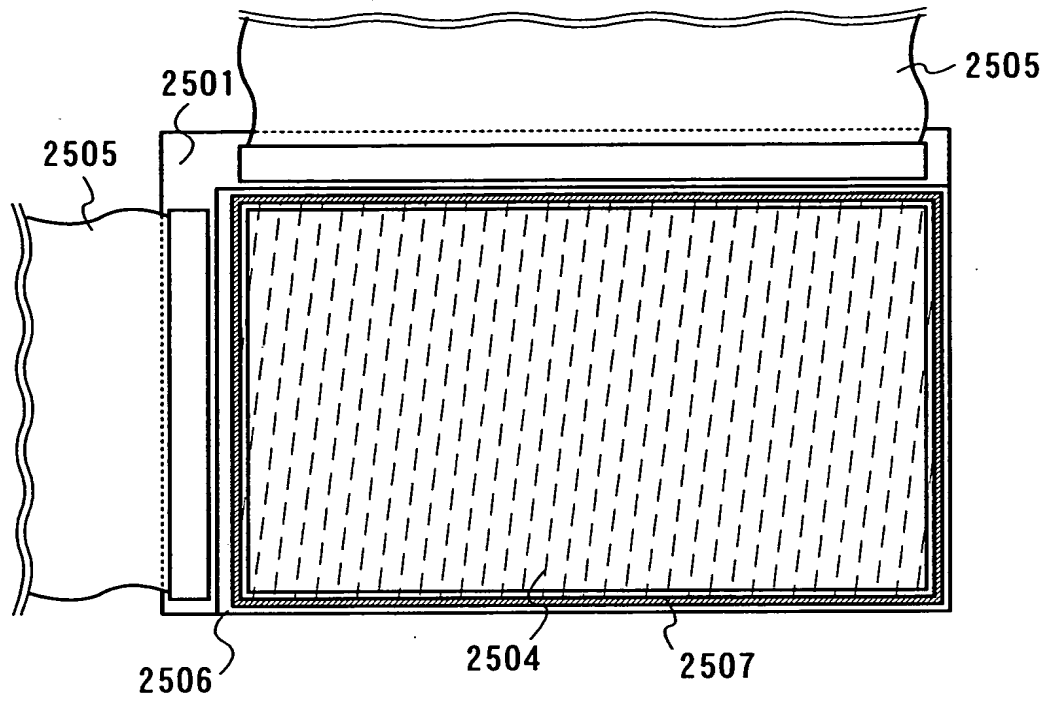


FIG. 28B

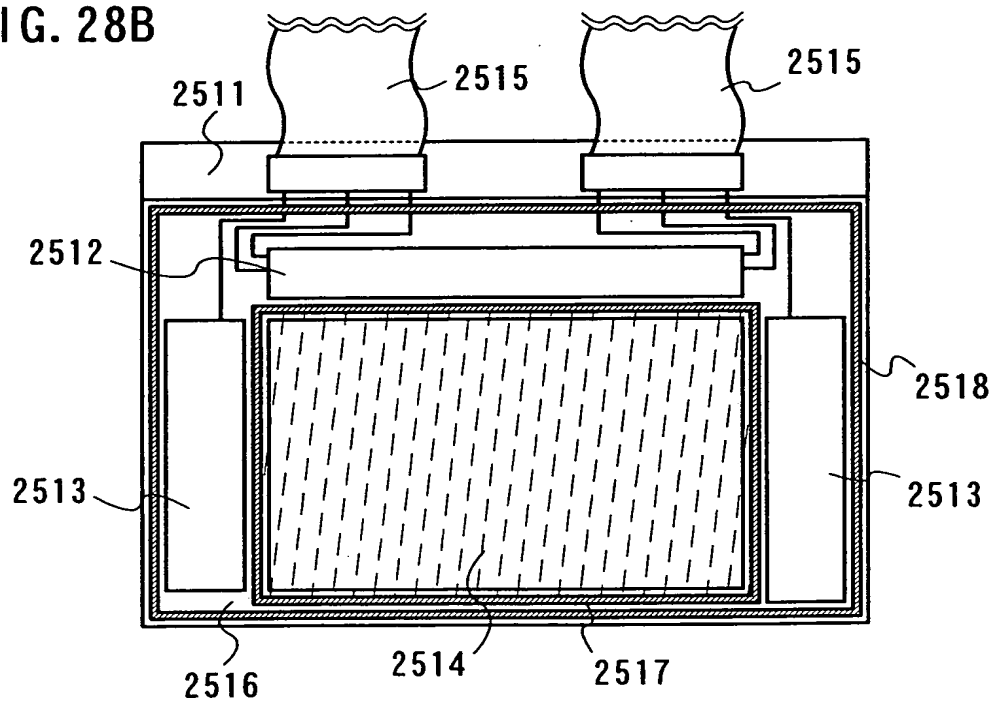


FIG. 29

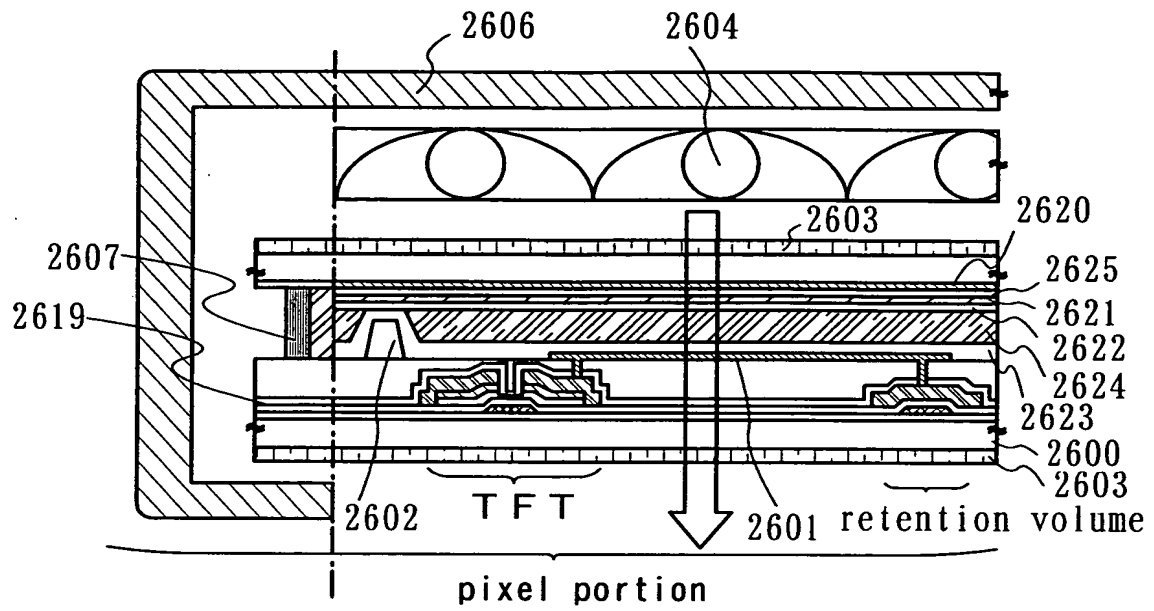


FIG. 30

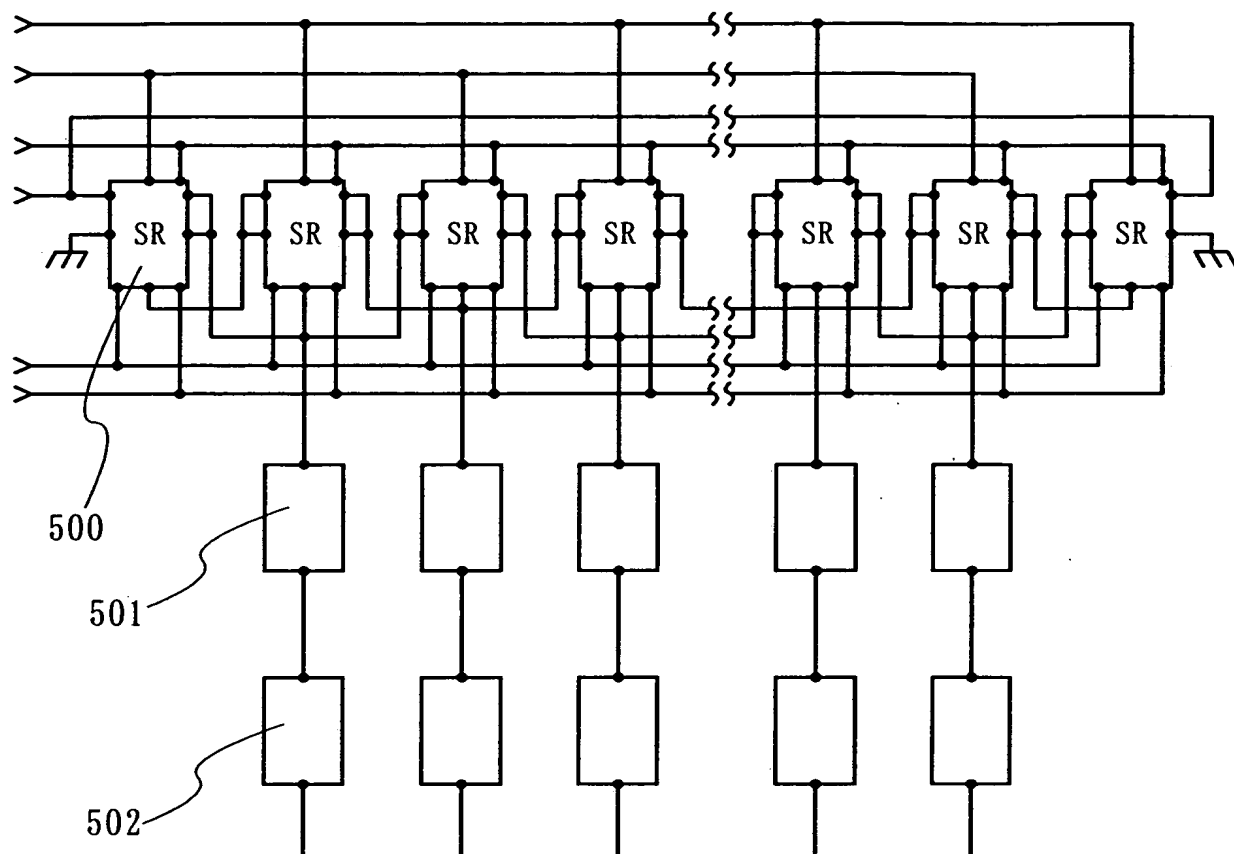


FIG. 31

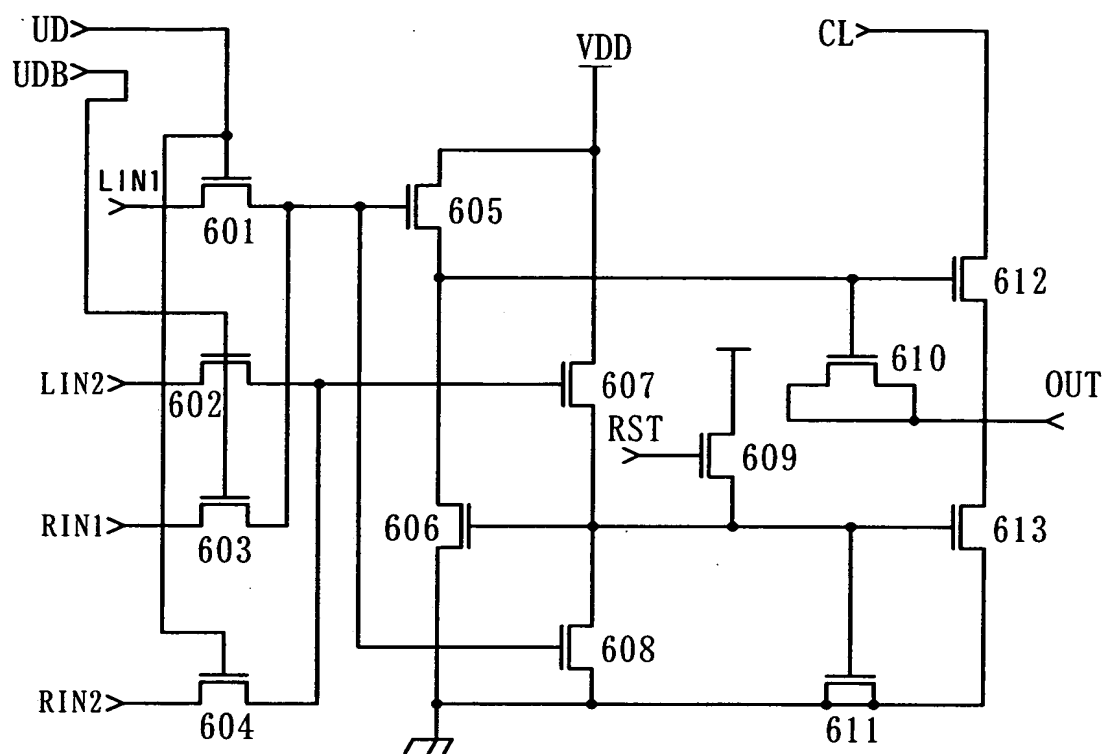


FIG. 32

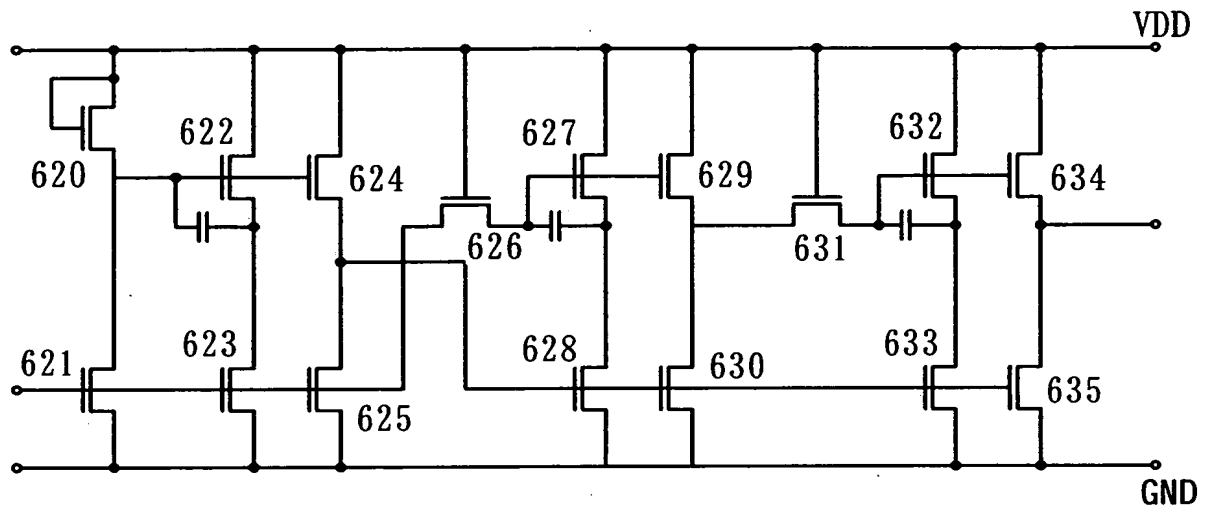


FIG. 33A

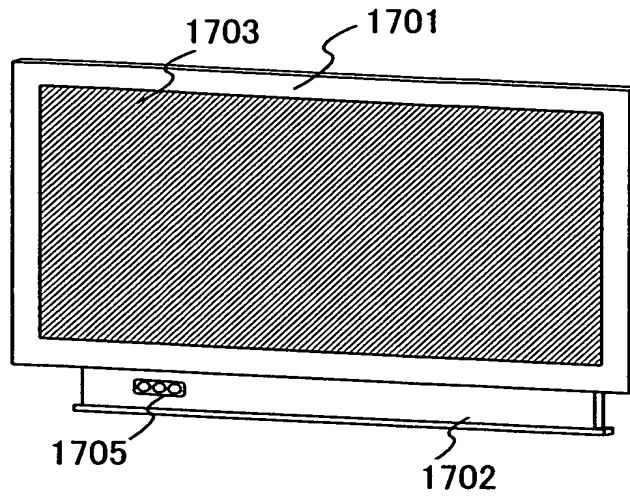


FIG. 33B

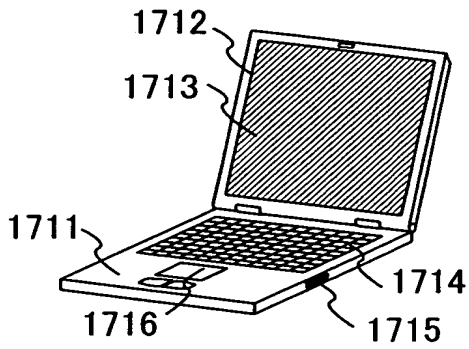


FIG. 33C

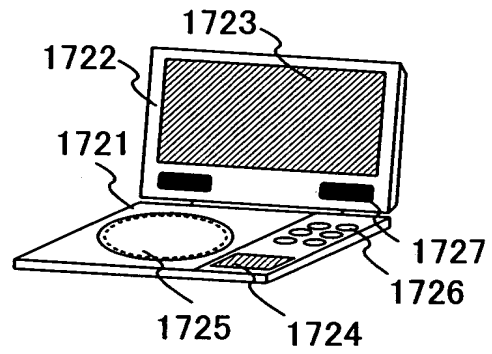
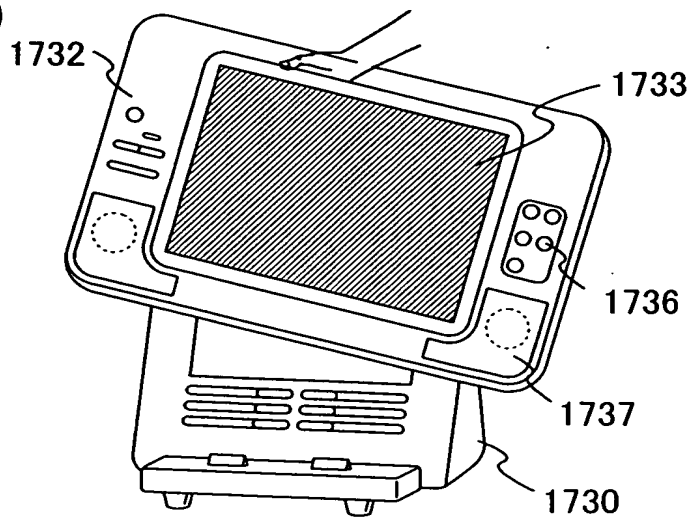


FIG. 33D



EXPLANATION OF REFERENCE

10: substrate, 11: base layer, 12: conductive pattern, 15: gate electrode, 17: leading out
electrode, 18: gate insulating film, 19: semiconductor film, 20: semiconductor film, 32:
mask, 22: source wiring or drain wiring, 23: source wiring or drain wiring, 24: channel
5 formation region, 25: drain region, 26: source region, 27: protective film, 28: interlayer
insulating film, 29: convex portion (pillar), 30: first electrode, 34: bank, 35: sealing
substrate, 36: layer containing an organic compound, 37: second electrode, 38: filler, 40:
wiring, 41: terminal electrode, 45: anisotropic conductive film, 46: FPC, 220: conductive
film pattern, 221: portion irradiated with laser light, 222: source wiring or drain wiring,
10 223: drain region, 226: source region, 250: conductive pattern, 251: portion irradiated
with laser light, 252: source wiring or drain wiring, 253: source wiring or drain wiring,
254: channel formation region, 255: drain region, 256: source region, 260: gate
insulating film, 260: gate insulating film, 301: base insulating film, 302: gate electrode,
320: conductive film pattern, 322: source wiring or drain wiring, 323: source wiring or
15 drain wiring, 324: channel formation region, 325: drain region, 326: source region, 401:
laser beam directly drawing device, 402: personal computer, 403: laser oscillator, 404:
power source, 405: optical system, 406: sound optical modulator, 407: optical system,
408: substrate, 409: substrate, 410: D/A converter, 411: driver, 412: driver, 500: pulse
output circuit, 501: buffer circuit, 502: pixel, 601: n-channel TFT, 602: n-channel TFT,
20 603: n-channel TFT, 604: n-channel TFT, 608: n-channel TFT, 609: n-channel TFT, 610:
n-channel TFT, 611: n-channel TFT, 612: n-channel TFT, 613, 620: n-channel TFT, 621:
n-channel TFT, 622: n-channel TFT, 623: n-channel TFT, 624: n-channel TFT, 625:
n-channel TFT, 626: n-channel TFT, 627: n-channel TFT, 628: n-channel TFT, 629:
n-channel TFT, 630: n-channel TFT, 631: n-channel TFT, 632: n-channel TFT, 633:
25 n-channel TFT, 634: n-channel TFT, 635: n-channel TFT, 700: substrate, 701: pixel
portion, 702: pixel, 703: scanning line side input terminal, 704: signal line side input
terminal, 810: substrate, 811: base film, 815: gate electrode, 818: gate insulating film,
822: wiring, 823: wiring, 824: semiconductor film, 825: wiring, 826: n-type
semiconductor film, 827: channel protective film, 828: interlayer insulating film, 829:
30 electrode, 830: electrode, 840: terminal electrode, 841: electrode, 910: substrate, 911:

base film, 915: gate wiring, 918: gate insulating layer, 923: source wiring layer, 924: source wiring layer, 925: n-type semiconductor layer, 926: n-type semiconductor layer, 927: semiconductor layer, 928: interlayer insulating film, 929: electrode, 930: electrode, 940: terminal electrode, 941: electrode, 1031: second substrate, 1032: sealant, 1033:

5 liquid crystal, 1034: pixel portion, 1035: first substrate, 1041: first substrate support medium, 1042: second substrate support medium, 1044: window, 1048: lower surface table, 1049: light source, 1110: large substrate, 1111: pixel portion, 1112: sealant, 1113: nozzle scanning direction, 1114: liquid crystal material, 1115: dropped surface, 1116: droplet discharging device, 1118: nozzle, 1119: portion denoted by dotted line, 1120:

10 reverse staggered TFT, 1121: pixel electrode, 1200: sealant, 1201: active matrix substrate, 1202: sealing substrate, 1203: pixel portion, 1204: space, 1205: $1/4\lambda$ plate and $1/2\lambda$ plate, 1206: polarized plate, 1207: colored layer, 1208: connecting terminal, 1209: FPC, 1210: printed substrate, 1211: pixel driver circuit, 1212: external circuit, 1221: protective film, 1301: driving TFT, 1302: insulating film, 1303: electroluminescent layer,

15 1304: second electrode, 1305: emitting direction, 1306: both arrows direction, 1310: driver circuit portion, 1311: pixel portion, 1401: switching TFT, 1402: capacitor element, 1403: driving TFT, 1404: current control TFT, 1405: light-emitting element, 1406: TFT, 1410: signal line, 1411: power line, 1412: power line, 1413: power line, 1414: scanning line, 1415: power line, 1441: switching TFT, 1442: capacitor element, 1443: driving TFT,

20 1444: light-emitting element, 1445: TFT, 1450: signal line, 1451: power line, 1452: power line, 1453: scanning line, 1454: scanning line, 1500: large substrate, 1503: region, 1504: imaging means, 1505a: head, 1505b: head, 1505c: head, 1507: stage, 1511: marker, 1600: substrate, 1601: pixel region, 1602: scanning line driver circuit, 1604a, 1604b, and 1605a: driver circuit, 1605b: driver circuit, 1701: housing, 1702: support medium, 1703:

25 display portion, 1705: video input terminal, 1711: main body, 1712: housing, 1713: display portion, 1714: key board, 1715: external connecting port, 1716: pointing mouse, 1721: main body, 1722: housing, 1723: display portion A, 1724: display portion B, 1725: recording medium reading portion, 1726: operation keys, 1727: speaker portion, 1730: charger, 1732: housing, 1733: display portion, 1736: operation keys, 1737: speaker

30 portion, 1800: active matrix substrate, 1801: opposing substrate, 1802: sealant, 1803:

pixel region, 1804: drying agent, 1805: source wiring, 1806: gate wiring, 1807: pixel,
 1811: pixel, 1812: pixel electrode, 1814: drying agent, 2010: substrate, 2011: base
 substrate, 2012: conductive film pattern, 2015: gate wiring, 2018: gate insulating film,
 2019: semiconductor film, 2020: semiconductor film, 2021: mask, 2022: source wiring or
 5 drain wiring, 2023: source wiring or drain wiring, 2024: channel formation region, 2025:
 drain region, 2026: source region, 2027: protective film, 2028: interlayer insulating film,
 2029: convex portion (pillar), 2030: pixel electrode, 2034a: oriented film, 2034b: oriented
 film, 2035: opposing substrate, 2036a: colored layer, 2036b: light-shielding film (black
 matrix), 2037: overcoat layer, 2038, 2039: liquid crystal, 2040: wiring, 2045: anisotropic
 10 conductive layer, 2046: FPC, 2120: conductive film pattern, 2121: portion irradiated
 with laser light, 2122: source wiring or drain wiring, 2123: source wiring or drain wiring,
 2124: channel formation region, 2125: drain region, 2126: source region, 2150:
 conductive pattern, 2151: portion irradiated with laser light, 2152: source wiring or
 drain wiring, 2153: source wiring or drain wiring, 2154: channel formation region, 2155:
 15 drain region, 2156: source region, 2160: gate insulating film, 2201: base insulating film,
 2202: gate electrode, 2220: conductive film pattern, 2222: source wiring or drain wiring,
 2223: source wiring or drain wiring, 2224: channel formation region, 2225: drain region,
 2226: source region, 2310: substrate, 2311: base insulating, 2315: gate electrode, 2318:
 gate insulating film, 2322: wiring, 2323: wiring, 2324: semiconductor film, 2325: n-type
 20 semiconductor film, 2326: n-type semiconductor film, 2627: channel protective film,
 2328: interlayer insulating film, 2329: electrode, 2330: electrode, 2340: terminal
 electrode, 2341: electrode, 2410, 2411: base film, 2415: gate wiring, 2418: gate
 insulating layer, 2423: source wiring layer, 2424: drain wiring layer, 2425: n-type
 semiconductor, 2426: n-type semiconductor, 2427: semiconductor layer, 2428: interlayer
 25 insulating film, 2429: electrode, 2430: electrode, 2440: terminal electrode, 2441:
 electrode, 2501: substrate, 2504: pixel portion, 2505: FPC, 2506: opposing substrate,
 2507: sealant, 2511: substrate, 2512: source signal line driver circuit, 2513: gate signal
 line driver circuit, 2514: pixel portion, 2515: FPC, 2516: opposing substrate, 2517:
 sealant, 2518: second sealant, 2600: substrate, 2601: pixel electrode, 2602: spacer, 2603:
 30 polarized plate, 2604: backlight valve, 2606: cover, 2607: sealant, 2620: CF, 2621:

opposing electrode, 2622: oriented film, 2623: oriented film, 2624: liquid crystal layer, 2625: planarized film.